

KUDSIT/441/SO AD/2023

10.10.2023

**NOTIFICATION**  
Walk in Interview

Kerala University of Digital Sciences, Innovation and Technology invites applications with required qualifications, experience, job skills, etc detailed below for a walk-in-interview for appointment to the following posts under Big Data Analytics project of the University.

The walk-in-interview shall be conducted from 10:00 AM on 21-10-2023 at the Digital University Campus, Mangalapuram, Thiruvananthapuram. We request the interested candidates to report at the Digital University Campus at Technocity, Mangalapuram, (Technopark Phase IV), Thiruvananthapuram at 9.30 AM.

**DETAILS OF POST, QUALIFICATION, AND EXPERIENCE REQUIRED**

I.

**Software Engineer (.Net)**

No. of Vacancies: 1

Remuneration: 35000 – 55000 consolidated per month

Nature of Appointment: On contract (initially for a period of 1 year which is likely to be extended based on performance /requirement).

Age: Should not exceed 30 years as of the last date for submission of application

Essential Qualification: MCA or B-Tech/BE in IT/CS

Essential Experience: Minimum three years of experience in software development.

Required Skills:

- Minimum two years of proven industry experience in web development using Asp.net with C#.
- Hands-on coding experience in web application development using C#.NET MVC, Web API, .NET Core 3+ technologies
- Should have strong knowledge in scripting languages like J Query, JavaScript/ TypeScript, and creating web pages using HTML 5, CSS3, Bootstrap.
- Working knowledge in PostgreSQL, MySQL/Maria DB, or Mongo DB databases.
- Expertise in developing enterprise-level web applications and RESTful APIs using micro-service architecture, with demonstrable production-scale experience.
- Familiarity with software version control, bug tracking software, and document management systems (SVN, GitHub, Jira, TFS,etc.)
- Should have strong agile/scrum development experience.
- Should have strong analytical and communication skills within distributed project teams
- Understanding of cloud technologies and deployment (e.g., AWS, Azure, Google Cloud).

Desired Skills:

- Experience in WebApi using a micro-service architecture.
- Basic knowledge of entity framework/dapper, SOLID Principles, and Design patterns.
- Knowledge of NoSQL platforms (ElasticSearch/MongoDB/CouchBase)



- Experience in unit testing frameworks like X unit, and N unit.

Responsibilities:

- Must be responsible for building a reusable component and translating design wireframes into high-quality code.
- Should take ownership of the task assigned and should ensure that proper coding standards are followed during development.
- Analyzing data to effectively coordinate the installation of new systems or the modification of existing systems.
- Managing the software development lifecycle and Monitoring system performance.
- Communicating key project data to team members and building cohesion among teams

II.

**Jr. Software Engineer (.Net)**

No. of Vacancies: 1

Remuneration: 30000 – 40000 consolidated per month

Nature of Appointment: On contract (initially for a period of 1 year which is likely to be extended based on performance /requirement).

Age: Should not exceed 30 years as of the last date for submission of applications

Essential Qualification: MCA or B-Tech/BE in IT/CS

Essential Experience: At least 1 year of experience in software development.

Required Skills:

- 6+ months of experience developing web applications using C# .Net core.
- Minimum one year of proven industry experience as a Web developer
- Knowledge of basic coding languages, including C#, HTML5, and JavaScript / TypeScript.
- Should have good knowledge of OOPS Concepts and SOLID principles.
- Working knowledge in PostgreSQL, SQL Server/ MySQL/ Maria DB/ Mongo DB databases.
- Ability to learn new software and technologies quickly.
- Ability to follow instructions and work in a team environment
- Passion for staying on top of the latest happenings in the tech world and an attitude to discuss and bring those into play.

Desired Skills:

- Familiarity with front-end frameworks like Angular
- Knowledge of web services and RESTful API development.
- Understanding of Micro-services architecture
- Knowledge of JSON, Web Services, XML, JSON, PL/SQL
- Understanding of cloud technologies and deployment (e.g., AWS, Azure, Google Cloud).
- Knowledge of NoSQL platforms (ElasticSearch/MongoDB/CouchBase)

Responsibilities:



- Work closely with senior developers to design, develop, and maintain web applications using .Net technologies.
- Develop web-based applications, including user interfaces, business logic, and database integration.
- Perform unit testing to ensure code quality and identify any bugs or issues.
- Assisting the development manager with all aspects of software design and coding.
- Attending and contributing to company development meetings.
- Learning the code base and improving your coding skills.
- Writing and maintaining code.
- Working on minor bug fixes.
- Monitoring the technical performance of internal systems.

III.

**Sr. Software Engineer (Java)**

No. of Vacancies: 1

Remuneration: 45000 – 65000 consolidated per month

Nature of Appointment: On contract (initially for a period of 1 year which is likely to be extended based on performance /requirement).

Age: Should not exceed 35 years as of the last date for submission of application

Essential Qualification: MCA or B-Tech/BE/M-Tech/MSc/Eng. Diploma in IT/CS

Essential Experience: Minimum 3 years of experience in software development.

Required Skills:

- 2+ years of experience in web application development in Java with Spring frameworks
- Strong knowledge of scripting languages like JQuery, JavaScript/ TypeScript, and creating web pages using HTML5, CSS3, and Bootstrap.
- Knowledge of frameworks like Angular, React, Spring, Hibernate
- Strong design and programming skills using JSON, Web Services, XML, XSLT, and PL/SQL in Unix and Windows environments.
- Strong background working with Linux/UNIX environments.
- Good knowledge of PostgreSQL, MySQL, SQL Server and/or DB2 databases
- Experience working with tools like Git, Maven, JFrog, UDeploy.
- Expertise in developing enterprise-level web applications and RESTful APIs using micro-service architecture, with demonstrable production-scale experience.
- Familiarity with software version control, bug tracking software and document management systems (SVN, GitHub, Jira, TFS, etc.).
- Should have strong agile/scrum development experience
- Should have strong analytical and communication skills within distributed project teams.
- Passion for staying on top of the latest happenings in the tech world and an attitude to discuss and bring those into play.
- Understanding of cloud technologies and deployment (e.g., AWS, Azure, Google Cloud).

**Desired Skills:**

- Development experience in .Net technologies (ASP.NET, .Net Core)



- Knowledge of NoSQL platforms (ElasticSearch/MongoDB/CouchBase)
- Experience in unit testing frameworks like X unit, N unit.
- Knowledge of SOLID Principles, and Design patterns.

Responsibilities:

- Must be responsible for developing, supporting, maintaining, and implementing a complex project module.
- Must be responsible for building a reusable component and translating design wireframes into high-quality code.
- Should take ownership of the task assigned and should ensure that proper coding standards are followed during development.
- Analyzing data to effectively coordinate the installation of new systems or the modification of existing systems.
- Managing the software development life-cycle and Monitoring system performance.
- Communicating key project data to team members and building cohesion among teams

IV.

**Software Engineer (Flutter/Kotlin)**

No. of Vacancies: 1

Remuneration: 35000 – 55000 consolidated per month

Nature of Appointment: On contract (initially for a period of 1 year which is likely to be extended based on performance /requirement).

Age: Should not exceed 30 years as of the last date for submission of application.

Essential Qualification: MCA or B-Tech/BE/M-Tech/MSc/Eng. Diploma in IT/CS

Essential Experience: Minimum one year of experience in Mobile App development.

Required Skills:

- 1+ year(s) of experience (hands-on) in developing responsive and visually appealing user interfaces for mobile applications
- Proficiency in Android/iOS app development.
- Strong knowledge of Flutter or Kotlin programming languages, Android SDK, and Android Studio
- Familiarity with mobile app development frameworks/libraries/tools, such as Android Jet pack components, Retrofit/OkHttp, RxJava, Gradle, Firebase, Picasso/Glide, Dagger/Hilt, ROOM, etc
- Experience with mobile app architecture patterns, such as MVC and MVVM.
- Knowledge of Material Design and Android UI design principles, patterns, and best practices
- Experience working with SQLite databases
- Knowledge of version control systems (Git/SVN/TFS)
- Knowledge in JSON, Web Services, XML, XSLT, PL/SQL.
- Knowledge of integrating external APIs, web services, and back-end systems
- Good knowledge of concepts like RESTful APIs, JSON/XML parsing, and authentication mechanisms
- Understanding of the deployment process for publishing mobile applications to Google Play Store (Android)
- Proficient in problem-solving, troubleshooting, and optimizing code performance.
- Strong debugging and problem-solving skills to identify and fix issues in the code base using Android Profiler, Logcat, and other debugging tools .



- Familiarity with software development life cycle methodologies.

Desired Skills:

- Experience in developing mobile applications for iOS platforms.
- Knowledge of design patterns like Singleton, Observer, and Factory
- Knowledge of unit testing frameworks (KotlinTest, JUnit, flutter\_test etc.)
- Experience using continuous integration/continuous deployment tools (Jenkins, CircleCI, GitHub CI/CD, etc.)
- Knowledge of tools like Firebase Crashlytics, Firebase Analytics.

Responsibilities:

- Designing and developing mobile applications for the Android platform
- Collaborating with cross-functional teams, including designers, product managers, and back-end developers, to define app requirements and user interface design.
- Must be responsible for building a reusable component and translating design wireframes into high-quality code.
- Implementing best practices for app development, including code architecture, performance optimization, and security measures.
- Conducting thorough testing and debugging of the mobile applications to ensure their stability, responsiveness, and overall quality
- Integrating external APIs, libraries, and services into mobile applications for enhanced functionality.
- Collaborating with the app store teams for app submission, review processes, and addressing any compliance or guideline issues.
- Assisting in troubleshooting and resolving issues reported by users or discovered during the app maintenance phase.

**V.**

**Software Engineer (Testing)**

No. of Vacancies: 3

Remuneration: 30000 – 50000 consolidated per month

Nature of Appointment: On contract (initially for a period of 1 year which is likely to be extended based on performance /requirement).

Age: Should not exceed 40 years as of the last date for submission of application.

Essential Qualification: MCA or B-Tech/BE/M-Tech/MSc/PG Diploma/Eng. Diploma in IT/CS

Essential Experience: Minimum 1 year of relevant industry experience in software testing/development or QA/QC

Required Skills:Functional/Manual Testing with APIs, Webservices, Web Applications, and Mobile Applications; SQL Queries, preparing test cases, reviewing test case results, and anchor defects prevention activities.

Desired Skills: Selenium Automation Testing, Java/Python Programming Skills

Responsibilities:

- Excellent knowledge of software test practices, especially for Web and Mobile-based Applications.
- Ability to extract & design test plans from user requirements.
- Familiarity with software version control, bug tracking software, and document management systems



(GitHub, Jira, etc.).

- Experience with unit testing and mocking frameworks.
- Test coverage tool use and deployment/set up experience.
- Design and implementation of automated and manual tests, as appropriate, to cover Module, sub-system, and system-level testing.
- Develop the automated tests, API tests, and load tests using tools such as Selenium Web driver, JMeter, etc.
- Create and execute Test cases.
- Must have experience in Manual Testing.
- Proficiency in Black / white box testing.

## **VI.**

### **Technical Manager**

No. of Vacancies: 1

Remuneration: 1,20,000 – 1,50,000 consolidated per month

Nature of Appointment: On contract (initially for a period of 1 year which is likely to be extended based on performance /requirement).

Age: Should not exceed 45 years as of the last date for submission of application

Essential Qualification:

- B.Tech/BE in IT/CS from a recognized University/Educational Institution
- A Master's degree in a relevant field is a plus but not mandatory.

Essential Experience & Skills:

- Minimum 12 years of experience in the software development process with at least three years of experience in IT project management
- Proven experience as a Technical Manager or a similar leadership role in the relevant industry
- Excellent written and oral communication skills
- PMP/PRINCE2/PMI-ACP Certification will be a plus
- Software Development Process Management, including planning, developing, deploying, and supporting software solutions
- Solid understanding of software development methodologies, such as Agile or Scrum.
- Proficiency in C# and/or Java-A strong command over one or both of these programming languages and associated frameworks
- Knowledge of web technologies like HTML, CSS, JavaScript
- Knowledge of frameworks like Angular, React, Spring, Hibernate, ASP.NET, and .Net Core. etc
- Experience with database technologies like SQL Server/Oracle/MySQL/PostgreSQL.
- Knowledge of integrating systems and developing APIs
- Proficiency in software development tools and IDEs, such as Eclipse, Visual Studio, or IntelliJ IDEA
- Experience with continuous integration and deployment practices using tools like Jenkins or GitLab CI/CD.
- Experience working in an Agile and DevOps process environment.
- Knowledge of architectural styles like MVC (Model-View-Controller) or Microservices and familiarity with related tools and frameworks.
- Proficiency in one or more software version control, bug tracking software, and document management



systems (SVN, GitHub, Jira, TFS, etc.).

- Excellent problem-solving and analytical skills.
- Strong communication and interpersonal skills, with the ability to effectively collaborate with both technical and non-technical stakeholders.
- Leadership abilities, including the ability to motivate and inspire team members.
- Proven track record of successfully delivering complex software projects within time and budget constraints.

**Desired Skills:**

- Experience in any cloud computing environment like AWS/Azure/GCloud
- Experience in ML/DL
- Knowledge of NoSQL platforms (ElasticSearch/MongoDB/CouchBase)

**Responsibilities:**

- Formulate and manage a team of software engineers, providing guidance, mentorship, and technical expertise.
- Collaborate with stakeholders to define project requirements, scope, and objectives.
- Responsible for the overall direction and completion of projects ensuring consistency with strategy, commitments, and goals.
- Provide delivery oversight, ensuring all projects meet quality and client satisfaction.
- Contribute to feature prioritization discussions with the Product Management team/Client.
- Prioritize a team's iteration backlog of user stories.
- Articulates product vision and user stories that are understandable to development teams.
- Experience in handling project management tools for project management - planning, scheduling, estimation, and cost
- Identify and resolve technical issues and challenges faced by the development team.
- Collaborate with cross-functional teams, including product managers, QA engineers, and UI/UX designers, to ensure successful project delivery.
- Stay updated with emerging technologies, industry trends, and best practices in software development.
- Provide technical guidance and support to team members, including troubleshooting and resolving technical roadblocks.
- Mentor and coach team members, fostering a culture of continuous learning and professional growth.

**Note:**

Age relaxation for submission of applications: 5 years for candidates belonging to SC/ST and 3 years for OBC candidates. Age may be further relaxed in case of candidates with exceptional experience.

Mode of Selection: The selection will be on the basis of performance in the walk- in interview

**General Instructions**

- Documents in original to prove age, qualifications, Experience, Community etc should be produced at the time of walk-in-interview for verification failing which the candidate(s) will not be allowed to attend the interview.
- Candidates should ensure that the particulars furnished by him/her are correct in all respects. In case it is



detected at any stage of the recruitment that a candidate does not fulfil the eligibility norms and /or that he/she furnished any incorrect/false information or has suppressed any material fact, his/her candidature will stand cancelled. If suppression of material facts or furnishing of any incorrect/false information is detected even after appointment, his/her service is liable to be terminated.

- Canvassing in any form will entail cancellation of candidature.
- The University has the right to cancel the advertisement or entire selection process at any stage without assigning reason thereof and the decision of the University shall be final.
- No TA/DA will be paid for attending the walk- in- interview.

**Registrar**

\* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

