JOB TITLE – Junior Software Development Engineer Graduate

Position reports to	:	Product Owner
Direct Reports	:	None
Office Location	:	Adapt IT Johannesburg Campus

PURPOSE OF THE POSITION

The purpose of a Software Development Engineer is to develop commercial software as specified within the project plan and according to the product owners and architects. The Software Development Engineer generally works within teams, with the product owner, team leads, delivery manager and architect, developing features as part of a software product for sale.

PRIMARY RESPONSIBILITIES FOR THE ROLE

Design, Build and Maintain world-class Software

- Understands the technical design specification and commits to the deliverables.
- Ensures a clear understanding of the functional and technical design specifications and escalates any technical matters to the team lead or during development.
- Develop code and build the system according to the approved design and in accordance to Adapt IT Education programming standards.
- On instruction build prototypes as required by the product owner and / or system architects.
- Release software to clients on request or when required.
- Participate in agile software development practices

Ensure Quality Software Solutions are Developed

- Provide input and analysis on designs included in specifications on request.
- Ensure software passes quality checking tests including static code analysis software
- Perform trouble shooting and effectively resolve reported incidents to increase solution stability and reduce intervention required over time.
- Provide technical support to the product owners, business analysts and UI / UX designers.

Developer Testing and Verification

- Tests code developed (including unit testing), prior to handing over software to testers, against the coding standards and design requirements.
- Correct all errors logged throughout the various testing phases and ensure quality coding standards and design requirements are met.

Key Competencies
Technical / Technology Skills

- Basic understanding the agile software development methods.

- Basic business process knowledge.
- Basic understanding of programming standards.

- Basic understanding of GITFLOW (GIT Branching Strategies)
- Basic knowledge of the technical environment and tools used by Adapt IT Eduction.
- Linux
- Angular 12+
- .Net Core
- C#
- REST Web-Services (API)
- Open APIs 2.0+ (SWAGGER)
- Visual Studio Code
- Visual Studio 2019+
- Ms-Word/Excel/PowerPoint/Teams
- Communication/Telephonic   Skills
- SQL – Oracle or ANSI standard
- AWS or AZURE based development
- SCRUM
- NoSQL DBs

Interpersonal skills
- Demonstrates clear passion within the team for creating new products
- Robustly expresses independent ideas and tests them thoroughly
- Uses effective interpersonal and communication skills to gain acceptance of and commitment to plans,   ideas and initiatives.
- Shares important and relevant information.
- Gains the cooperation, trust and support of others.
- Seeks a win/win solution with the minimization of a compromise.
- Communicates in a positive manner resulting in action.
- Focuses energy on finding solutions rather than blaming others.
- Acknowledges others' contributions.

Skills development
- Actively develop individual skills and abilities in order to fulfil a job role more effectively
- Make use of opportunities for development of skills provided.

Living the Values
- Ensuring compliance with all applicable policies, regulations, standards and governance requirements.
- Treating all people fairly and consistently, and with dignity and respect.
- Being ethical, honest and sensitive in all dealings.
- Taking corrective action to address inappropriate decisions or actions.

Leading Self
- Taking ownership for own performance and decisions and their impact on the business.
- Demonstrating tenacity and resilience even when faced with obstacles.
- Seeking opportunities for personal feedback, learning and development.
- Acting decisively when tough or quick action is required.

QUALIFICATION AND EXPERIENCE REQUIREMENTS

- Minimum 2 years C#/Angular/.Net Core development experience
- BSC /B Com (Computer Science, Information Systems, Engineering, Mathematics)

In accordance with Adapt IT's Employment Equity plans and goals, preference will be given to suitable applicants from the designated groups as defined by the Employment Equity Act of 55 of 1998 and subsequent amendments thereto.

Contact Person: Jeanel Lenders

Apply Here:

Vacancy Status: Open