Muhammad Aqeel Afzal

Full Stack Java Developer

Highly skilled and reliable java developer looking to work as a junior java developer at a leading software company.

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EDUCATION

Bachelor of Science in Computer Science
NUCES-FAST UNIVERSITY ISLAMABAD

08/2019 - 06/2023   *Islamabad, CCPA 3.08*

Courses
- Data Structures.
- Object Oriented Programming.
- Advance Programming(Java).
- Operating Systems.
- Database Systems.
- Design and Analysis of Algorithms.
- Web Programming(MERN).
- Blockchain and Cryptography

Intermediate in Computer Science
SUPERIOR COLLEGE BHAKKAR

06/2017 - 06/2019   *Got 3rd position in BISE Sargodha*

UNIVERSITY PROJECTS

Candy Crush (Game)
- A 2D Game Developed in C++ using OOP concepts e.g. polymorphism, Inheritance, Abstraction, and Encapsulation.

Distributed Systems
- A fully decentralized Distributed System Developed In C++ using Data Structures Concepts which track all the activities of machines connected though distributed Hash tables.

Ludo (Game)
- A 2D Developed in C++ using Operating Systems concepts such as multi-threading and multi-processes.

Electronic Voting System
- A Full Stack Desktop Application Developed with Java language as the backend, JavaFX as front-end, and MySQL as the database.

Accounts Management System
- Developed in Java language integrated with GitHub through Jenkins's pipeline and MySQL as backend database

Web Application for Showroom Management System
- Using MERN Framework in express, Mongo DB, React, Node JS

Kameti Management System
- Developed a three-tier Application in java language integrated with Hibernate Database.

Loan Management System
- A fully operated web application with a back-end in Solidity using smart contracts and a front-end in React.js

Flight Management System
- A Fully Developed command line application in Java Language and MySQL database.

SKILLS

Critical Thinking   Logic Building   Problem Solving   Time management

FINAL YEAR PROJECT

Web Software Product Line Automated Testing (08/2022 - 06/2023)
We are developing a Web Application which will take an existing Junit test suite of the base variant as input and make it compatible with the new variant of the Web Software Product Line by repairing the XPath and structural issues so that the testing effort can be reduced.

Tools & Languages
Java, React, Spring Boot Python, TestNG, Eclipse, VS Code and Selenium

TECHNICAL SKILLS

Programming Languages
Java, C/C++, Python, React, HTML, CSS, Go Language, JavaScript, Spring Boot

Database
MYSQL, SQLPLUS, MongoDB

Tools
Eclipse, Anaconda, Atom, Visual Studio Code, Git/GitHub, Pycharm, Ubuntu, TestNG, Selenium, Feature IDE, Remix IDE, TestNG

LANGUAGES

Urdu
Native

English
Professional Proficiency

INTERESTS

Backend Development   Java Development