

Awais Iftikhar

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FULL STACK ENGINEER

Experienced software developer with over 3+ years of expertise in Java, C++, Spring Boot, Spring MVC, MySQL, NoSQL, HTML, CSS, embedded systems, and JavaScript. a proven track record in creating web solutions and RESTful APIs to deliver exceptional user experiences. Committed to driving innovation and collaboration within dynamic teams. I aim to leverage my skills to develop cutting-edge web applications and contribute to your organization's success.

SKILL MATRIX

· Design Patterns · Software Architecture · Version Control · CI/CD · JIRA · SDLC · Agile · Testing
· UI/UX · Microservices · Problem Solving

Languages: Java, C#

Web: HTML, CSS, JavaScript

Web Services: RESTful API's

Frameworks: Angular, Spring Boot, Spring MVC

Databases: MySQL, MSSQL, and NoSQL

Design Patterns: MVC, DAO, DTO, Singleton, Factory Method and SOLID Principles

SDLC: Agile/Scrum

Development: Writing code, unit testing, debugging, code optimization, API integration, maintenance, requirements analysis, and production support.

Mobile Apps: Android SDK, Jetpack Compose, Retrofit 2.

Tools: Eclipse, IntelliJ, NetBeans, Visual Studio, Visual Studio Code, Android Studio, GitHub

EDUCATION

Maharishi International University, Fairfield, Iowa, USA - *Master of Science in Computer Science*

2022-Present

Expected completion: October 2024

Key Courses: Fundamental Programming Practice, Software Engineering, Software Architecture, Enterprise Architecture, Algorithms, Big Data Technology, and DBMS.

NUML, ISD - *Bachelor of Computer Science*

2015-2019

PROFESSIONAL EXPERIENCE

CARECLOUD (MTBC) – *Software Engineer*

2020-2022

CareCloud, Inc. is a publicly traded American healthcare information technology company that provides services to healthcare providers and hospitals.

- Designed employee portal to maintain and track employee personal information, recruitment, attendance, vacation, benefits, newsletters, stock updates, and reports using Spring Boot.
- Created and maintained architecture for Restful API's.
- Implemented new features, maintained unit tests, and optimized code.
- Provided production support for applications and systems.
- I worked in the Agile (Scrum) framework using JIRA.

MIISCAN, ISD - *Junior Software Engineer*

2018-2022

Ecommerce solution.

- Developed native Android apps using Java and Android.
- Developed the app UI and integrated it with Retrofit.
- Maintained code best practices.
- Implemented new features and functionalities.
- I debugged and fixed bugs in the production environment.

Technologies Used: Java, XML, RESTful API, Android Studio, Git, Windows, JDK.

PERSONAL / ACADEMIC PROJECTS

E-Shopping Web Application

Project Overview:

- I developed an online shopping web application using Spring Boot for the backend and MySQL for the database.
- Implemented RESTful APIs, focusing on key functionalities, including adding order items and retrieving customer details.
- Proficient in utilizing HTTP methods, specifically GET and POST, to enhance the application's data interaction capabilities.

Technologies Used: Java (Spring Boot), IntelliJ IDEA, RESTful API, JUnit Testing, MySQL, Git, and Postman.

Account Detail, Compose Component

Project Overview:

- Developed a crucial component for a comprehensive banking application, focusing on efficient management and presentation of bank account details.
- Conducted a dedicated Jetpack Compose code lab, highlighting the implementation of Lazy Column for optimized data loading and incorporating advanced text styling techniques.
- Contributed to the creation of an Android application showcasing card-based recycler components, employing Jetpack Compose declarative UI approach for a simple yet effective user interface.

Technologies Used: Java, Jetpack Compose UI, Lazy Column Implementation, Text Styling, Dynamic Content, Responsive Design, Interactive Elements, Reusable Components, and Composable Functions.

Product List Search, Stanley Martin

Created a product list search feature in JavaScript and HTML entails integrating HTML for layout, JavaScript for search functionality, and JSON data for storing product details.

Technologies Used: *JavaScript, HTML5, jQuery, Bootstrap, CDN Libraries, JSON, handleSearch, Git.*

GitHub: <https://github.com/awaisiftikhar90/ProductListSearch>

SMS-Based Offline Search Engine

Project Overview:

- Developed a GSM-based search engine for low-end GSM-based mobile phones.
- Created and integrated four main modules. Achieved 70% accuracy in the test case.
- Integrated hardware with APIs for seamless functionality.

Technologies Used: *ASP.NET, C, C++, C#, SQL Server, GSM Modem, Postman, and MVC.*

SOFT SKILLS / HARD SKILLS

- *Communication, Problem-Solving · Team Collaboration, Adaptability, Data Analysis, Proactivity, Time Management, · Programming Languages Java (Spring Boot, Android, and Jetpack Compose), C#, C++, HTML, Angular, and JS.*
- *Database Management (MySQL, MS SQL) · Software Testing · Debugging · Integration and Connectivity · Operating Systems (Windows, Linux)*