

MUNEEB AHMED

Fairfield, Iowa 52556 • +1-641-233-9957 • muneeb.ahmed09@gmail.com
www.linkedin.com/in/mr-muneeb-ahmed09/

SOFTWARE ENGINEER

Dynamic software engineer with over 2 years of professional experience in crafting highly scalable and robust applications using Java and Spring Boot in e-commerce and financial systems domain. Accompanied with 4 years of overall IT experience gathering requirements, analyzing, deploying, and maintaining Governmental systems. Skilled in Java, Spring Boot, React.js, JavaScript, RESTful APIs, MySQL, MongoDB, AWS, and GitHub. I am eager to apply my skills and contribute positively within a conducive and collaborative work environment.

Dependency Injection • Microservices • AWS • CI/CD • API Integrations • Design Patterns
Data Structures • Object Oriented Programming • Aspect Oriented Programming

Languages: Java, Python

Web: JavaScript, Tailwind, Bootstrap CSS framework, React.js, Express.js

Web Services: RESTful API

Web/App Servers: Apache HTTP Server, Tomcat

Frameworks: Spring, Spring Boot, Tailwind CSS

Databases: My SQL, MongoDB, PostgreSQL, Oracle

SDLC: Agile/Scrum, Waterfall

Tools: Maven, Gradle, Eclipse, IntelliJ, Visual Studio Code, Docker, Postman, BitBucket, Mockito, VMWare

Platforms: Windows, Linux, MacOS

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

NESTED LOGICS, Islamabad, Pakistan • 06/2023 – 08/2023

Custom software development for banking.

Software Engineer

- Integrated Kafka for enhanced real-time data processing and engineered SQL optimizations to boost system efficiency in the banking sector.
- Developed the module using Java and Spring Boot, ensuring a secure transactional environment, addressing the growing need for robust financial management tools in the organization.
- Collaborated Java and Spring-based development for secure financial transactions, contributed for a resilient microservices architecture, and code reviews and unit testing (JUnit, Mockito), ensuring high-quality, innovative solutions.

Technologies Used: Java, Spring Boot, Microservices, Kafka, SQL, Mockito, RESTful APIs, JavaScript, React.js, Docker.

CRYMZEE, Lahore, Pakistan • 09/2022 – 06/2023

Software company.

Front End Developer (Part-time Remote)

- Developed an e-commerce system using React.js, and Tailwind CSS, creating a platform for online buying and selling, targeting multiple online retail outlets on one platform: bringing more centralized revenue to the company.
- Integrated and enhanced website functionality by incorporating payment gateways like Union and third-party APIs such as Twitter: resulting in expanded payment options for customers thereby driving business growth.
- Implemented RESTful APIs and JSON with React.js to enable efficient communication between the frontend and backend of the e-commerce platform, resulting in a seamless shopping experience for customers.
- Developed a scalable backend infrastructure with MongoDB to store product information, customer data and accommodate the growing demands of the e-commerce website.
- Collaborated across teams to translate design into responsive web pages, maintaining and optimizing the e-commerce platform using React JS, HTML, and CSS. Integrating APIs and adhering to best practices for code organization, while conducting critical tests to ensure high-quality front-end functionality.

Technologies Used: JavaScript, React JS, HTML5, Tailwind CSS, Express.js, Python, MongoDB, SQL, REST APIs, JSON, GitHub, Payment Gateway APIs, Twitter API.

PUNJAB POLICE, Rawalpindi, Pakistan • 06/2017 – 05/2023

IT Division leverages technology to enhance investigative capabilities.

Investigation Officer (System Developer)

- Integrated CI/CD pipelines using Azure DevOps, streamlining the software delivery process and ensuring rapid iteration and deployment; resulting in increased deployment frequency, faster time-to-market.
- Ensured strict adherence to security protocols within the IT division, safeguarding sensitive information and maintaining the integrity of data crucial for effective law enforcement operations.
- Led the strategic deployment of IT solutions within Punjab Police, ensuring a seamless integration process that optimized investigative workflows.
- Directed and oversaw a dedicated IT team, fostering a collaborative environment and providing strategic guidance to enhance overall team efficiency and performance.

Technologies Used: SQL, Encryption Protocols, Monitoring Software, Performance Analytics Tools, Azure DevOps, Git, Team Management, Strategic Deployment, Leadership, Collaborative Environment, Guidance.

CRYMZEE, Lahore, Pakistan • 07/2016 – 05/2017

Software company.

Software Engineer

- Created service-based website utilizing Java Spring Boot, catering to motor vehicle owners and car dealers by offering real-time location-based automobile services, resulting in a significant increase in customer flow.
- Implemented robust backend functionalities with Spring framework and MongoDB database, ensuring efficient data storage and retrieval for seamless user experiences.
- Integrated security measures using Spring Security and OAuth to protect sensitive data, resulting in enhanced data protection.
- Employed Hibernate ORM for object-relational mapping and database interaction in enterprise applications, resulting in efficient and fast data handling in the application.

Technologies Used: Java, Spring, Spring Boot, MongoDB, JavaScript, React.js, Python, MongoDB, Visual Studio Code, CI/CD pipelines, HTML, CSS, Git, JUnit, Mockito.

ACADEMIC PROJECTS

Maharishi International University (2024) Property Management System (HOMVA): The Property Management Portal, featuring a Java Spring Boot backend and a React front-end, streamlines communication between house owners and customers. With Postgres for data management and JWT for security, the user-friendly interface effectively meets consumer needs.

Maharishi International University (2024) Attendance Management System: The Attendance Management System is an academic project developed using Java, Spring Boot, JPA (Java Persistence API), Web Security, and JUnit.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Architecture, Algorithms, Web Applications Architecture, Web Application Programming

Bachelor of Science in Computer Science

University Of The Punjab, Jhelum, Punjab (2016)