Muhammad Naeem

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PROFILE

I am a full-stack developer with over four years of commercial experience working in a team environment. My expertise includes developing applications with Java, Spring Boot, Node.js, React.js, and AWS. I adhere to clean code practices, SOLID principles, and modern Java features (Java 8/11/17). My work spans from backend architecture to responsive frontend design, leveraging industry-standard tools and frameworks.

WORK EXPERIENCE

Senior Software Engineer

Eximia, Lahore | September 2021 – Present
Technologies Used: Java, Spring Boot, Kotlin, GraphQL, PostgreSQL, Docker, AWS, NodeJS, MongoDB, React.js, Redux, Apollo Client, Material UI, OpenAPI, Azure AD, Quartz, Splunk, REST/SOAP, Flowable, MJML, Audit4j

- **FastCode Platform:** Built frameworks and accelerators on the FastCode platform to streamline development workflows. I have worked on building following dependencies and tools:
    - **API Builder**: OpenAPI Specifications to auto-generated Spring Boot code.
    - **BPMN Workflow Management**: Developed tools to create, import, and manage BPMN files with version control. Integrated Flowable Engine for executing BPMN workflows.
    - **Authentication and Authorization:** Implemented authentication mechanisms using JWT, OIDC, and LDAP. Designed fine-grained authorization matchers with Spring Security.
    - **Logging Framework:** Built a modular logging with support for console, file, and Splunk.
    - **Email Template Builder:** Developed dynamic HTML email creation and tracking solutions with reusable templates using MJML templates.
    - **Document Management API:** Built secure APIs for document management, including file uploads, downloads, and storage.
    - **Integration Connectors:** Created and integrated REST and SOAP connectors.
    - **Job Scheduler:** Managed background tasks using Quartz for job scheduling and monitoring with cron-based triggers.
    - **Notification APIs:** Built notification APIs to support Email, SMS, and Server-Sent Events.
    - **Audit Module:** Designed an audit module for tracking User Activity, API Requests, Entity Changes and query audit report.
    - **Timesheet Demo:** Developed a complete timesheet application using fastcode platform modules.

- **Gumpeat Server:** Developed scalable backend APIs using Kotlin, Spring Boot, and GraphQL.
- **Gumpeat Landing Website:** Enhanced UI/UX with Material UI and integrated GraphQL APIs.
- **Gumpeat Admin Website:** Built real-time admin dashboards with React.js and GraphQL.
- **Nsoroma Tracking System:** Developed real-time tracking features using Java, Spring Boot, and Angular.
- **Employee Attendance System:** Created scalable attendance management systems with GraphQL and AWS.
- **Leave Management System:** Designed a full-stack leave management platform with Node.js and React.
- **Tesia Appointment System:** Developed scalable backend APIs using Java, Spring Boot, and PostgreSQL.
- **Circular-X (Inventory System):** Developed a flow for adding product using AI Model and upload it directly on shopify api.
- **Cricket Website:** Designed a complete backend API with Node.js for player stats and sync stats of players from CricketApi using cron jobs.

Freelancer

Fiverr, Remote | January 2020 – Present
Technologies Used: Java, Kotlin, Spring Boot, Zoom API, Payment API, AWS

- **Employee Attendance System (Sana Cash & Carry):** Developed a secure, scalable backend with Kotlin and Spring Boot.
- **Online Language Learning Platform (ayncode):** Built a backend system integrating REST APIs and Zoom Meeting API.
- **Social Media Jobs Posting (myklad):** Created a backend for user profiles, job posting, and recruiter functionalities.
- **SWR-EPG-2-ARD-POC (Innotrade):** Integrated third-party systems using Java and Maven.

Teaching Assistant

University of Management & Technology, Lahore | April 2020 – July 2021
Technologies Used: Java, C++, MySQL

- Assisted students in Java and C++ programming courses.
- Supported database management projects using MySQL.
- Guided term projects related to software engineering.

EDUCATION

- **Bachelor's in Software Engineering**
  University of Management & Technology, Lahore (2017 - 2021)
  CGPA: 3.59/4.00
- **Intermediate (Pre-engineering)**
  Muslim College Lar, Multan (2015 - 2017)
  Score: 837/1100
- **Matric (Science)**
  Govt. High School, Ayazabad, Multan (2013 - 2015)
  Score: 767/1100

SKILLS

- **Languages:** Java, Kotlin, JavaScript
- **Backend Frameworks:** Spring Boot, Node.js, Hibernate
- **Frontend Frameworks:** React.js, Redux, Angular, Material UI.
- **APIs:** REST, GraphQL, Google Maps API, Shopify API.
- **Databases:** PostgreSQL, MySQL, MongoDB.
- **Cloud Platforms:** AWS, DigitalOcean, Docker.
- **Tools:** Maven, Gradle, GitLab CI/CD.
- **Artificial Intelligence**: ChatGPT (OpenAI), Anthropic's Claude 3 Sonnet model.

CERTIFICATIONS

- **DevOps on AWS: Code, Build, and Test** | Coursera (Aug 2022)
- **Building Modern Java Applications on AWS** | Coursera (Sep 2022)
- **AWS Cloud Technical Essentials** | Coursera (Aug 2022)
- **Java Programming: Principles of Software Design** | Coursera (Oct 2022)

ACHIEVEMENTS

- Graduated with honors in Software Engineering.
- Best Employee of the Month at Eximia.
- Successfully delivered multiple scalable software solutions.