

SUFYAN ABDUL GHANI

FULL STACK ENGINEER

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Impact-Driven Software Engineer with approximately 4 years of experience in full-stack development and contributing to product cycles from conception to completion. Thrives in cross-functional teams, driving success across prior roles. Passionate about leveraging technology for innovative solutions and dedicated to delivering excellence in software development

SDLC | Java Programming | Angular | Code Review | OOPS | ORM | Web Services | Design Patterns | Fintech | Prompt Engineering | Unit Testing | TDD | Frontend & Backend | SQL | NoSQL | AWS

Programming Languages: Java

Web: HTML5, CSS3, JavaScript, TypeScript, Bootstrap, jQuery, AJAX, Redux

Frameworks: Spring Boot, Angular, Hibernate, Mockito, Junit, J2EE, Spring Batch, Spring Security

Web Services: REST, GraphQL, WebSocket, JSON

Architectural Patterns: MVC, EDA, SOA, Microservices, Monolithic

Messaging Systems: Apache Kafka, RabbitMQ, ActiveMQ

Security Expertise: JWT, Role-Based Access Control, Broken Access Control

Databases: MySQL, PostgreSQL, Oracle, SQL Server

Development Methodologies: Agile /Scrum, Extreme Programming, Lean Software Development

Design Patterns: BFF, Pub/Sub, CQRS, API Gateway, MVC, Facade, Builder, Singleton

DevOps & Tools: Maven, Gradle, Docker, Kubernetes, CI/CD, Terraform, SonarQube, IntelliJ IDEA, WebStorm, VS Code, GitHub, Postman, Trello, JIRA, Postman, DBeaver, MySQL Workbench, Slack

Platforms: Amazon Web Services (AW), Microsoft Azure

Generative AI Tools: ChatGPT, GitHub Copilot, CodiumAI.

PROFESSIONAL EXPERIENCE

CAREER NOTE: Experienced Software Engineer seeking **Job Opportunities** with significant L4 experience (Available for **full-time employment**).

Corrtec (Private) Limited, New Jersey, USA

May 2022 –Present

Software Engineer - Remote

- Engineered Corrtec's flagship product, CorrRisk, leveraging **Microservices Architecture** with Spring Boot, Angular and key technologies such as PostgreSQL, Oracle, JSON, Apache Kafka, AWS, Kubernetes, and Docker.
- Collaborated with development teams to **Automate Deployment Processes** and facilitate seamless system integration through APIs.
- Utilized **Git Version Control** for code tracking and developed comprehensive unit tests to ensure feature reliability before production deployment.
- Participated in rigorous **Code Reviews** to ensure code adherence to coding standards.
- Developed test schedules and strategies aligned with **Project Scope** and delivery timelines.
- Implemented robust **Security Protocols**, including OAuth 2.0, to ensure user authentication and authorization.
- Orchestrated the deployment of web applications on Apache Tomcat servers and applied **Object-oriented Design Principles** to produce high-quality software components.

Technologies Used: Java 17, JavaScript, TypeScript, Spring Boot, Hibernate, JUnit, Mockito, Angular, REST, GraphQL, Apache Kafka, MySQL, PostgreSQL, Docker, AWS, Kubernetes, CI/CD, JIRA, GitHub, Oracle, Spring Security, Spring Batch, Spring Actuator, REST.

Software Engineer - Remote

- Spearheaded the design and development of BenchMatrix, a multi-client **Anti Money Laundering** software product built on a foundation of microservices using Java, Spring Boot, Angular, Talend, JavaScript, HTML/CSS, Bootstrap, and SQL Server.
- Played a key role in architectural design, performance profiling, and the **Enhancement of Benchmark Results**. Also contributed as a team member in creating an advanced API documentation service.
- Demonstrated expertise in **Database Management** through the authoring of complex SQL queries and stored procedures. Stayed current with the latest technologies to boost operational efficiency.
- Conducted **Concept Proofing** and feasibility studies for innovative concepts and designs, providing essential support for end users by troubleshooting deployed applications.
- Executed software **Build and Release Processes** and developed training materials to aid customers in navigating and mastering new applications.

Technologies Used: Java 11, Spring Boot, .NET, Angular, JavaScript, HTML5, CSS3, Bootstrap, jQuery, AJAX, Talend, SQL Server MySQL, RabbitMQ, ActiveMQ, GitHub, JIRA, Postman, Java Mail API

PROJECTS

- **E-Commerce Application using Microservices:** A comprehensive [E-Commerce Application](#) designed and implemented using various technologies such as Java, Spring Boot, Spring Security.
- **Digital Banking Web Application:** Java - based [Banking Application](#), managing customer accounts, transactions, and balance inquiries.
- **Big Data Pipeline:** Real-time data pipeline for fetching, consuming, storing, and visualizing weather data with Apache Kafka, Spark Streaming, HBase, Spark SQL, Tableau, Linux, & Java.
- **COVID-19 Tracking Application:** Developed a [Covid19 Tracking](#) Application using Java, Spring Boot, and Thymeleaf in a monolithic Spring Boot framework.
- **Reddit Clone:** Built [Reddit Clone](#) using Spring Boot, Spring Security with JPA Authentication, Spring Data JPA with MySQL, Spring MVC.
- **Cafe Management:** Developed [Cafe Management](#) using TypeScript, JavaScript and SCSS.

EDUCATION

NED University of Engineering & Technology, Karachi, Pakistan

Dec 2016 - Oct 2020

Bachelor of Computer Science & Information Technology | CGPA: 3.139

- **Key Courses:** Programming Languages, Data Structure & Algorithms, Software Engineering, System Analysis & Design, Computer Architecture & Organization, Distributed Computing.
- **Awards:** Awarded Koshish **Merit Scholarship** and achieved overall **3.139 CGPA**.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

[Extending, Securing & Dockerizing Spring Boot Microservices](#) | [Apache Spark Special Training - Big Data Engineering](#) | [Amazon Web Services \(AWS\) for Developers](#) | [Learning Cloud Computing](#) | [Spring Security](#) | [Learning Rabbit MQ](#) | [Leadership in Tech](#)

SOFT SKILLS & LANGUAGES

[Critical Thinking](#) | [Problem Solving](#) | [Creative Thinking](#) | [Analytical Skills](#) | [Communication Skills](#) | [English \(IELTS Certificate - B2\)](#) | [Urdu](#)