

OMAR SHAHBAZ

Java Developer

+92 333 5716128 omar.shahbaz.dev@gmail.com linkedin.com/in/omar-shahbaz/ Islamabad, Pakistan omar.github.io

EXPERIENCE

Associate Software Engineer

- Volmatica Inc 05/2025 - Present
- Building strong foundational knowledge of clearing and settlement systems while onboarding to US-based financial market project OCC (Options Clearing Corporation).
 - Contributing to the development and testing of the OFRA-BDD microservice within OCC's Java Spring Boot microservices ecosystem (18+ services).
 - Implementing microservice integrations and working with enterprise tools such as Kafka, Vault, Kubernetes, Rancher, CloudBees CI/CD, and Harness.
 - Participated in daily Agile standups and sprint activities, aligning with project goals and team workflows.
 - Documenting and analyzing the workflow of test automation and service integration to prepare for direct contribution in upcoming sprints.

Application Support Engineer

- Ericsson Pakistan 11/2023 - 05/2025 Islamabad, Pakistan
- Played a pivotal role in migrating 25+ telecom services from the legacy system Granite to Ericsson Order Care (EOC), modernizing the service order management platform.
 - Enhanced Order Manager UI in EOC using AngularJS to efficiently manage telecom services such as DIA, MPLS, SATIP for STC, one of the biggest telecom operators in Saudi Arabia.
 - Integrated and customized Ericsson out-of-the-box products and workflows to meet specific STC business requirements.
 - Utilized Git Flow for version control, enhancing development processes with cherry-picking, branch merging, and manual conflict resolution.
 - Managed CI/CD pipelines in GitLab across multiple environments and collaborated with the DevOps team for deployments.

PROJECTS

ATM - Distributed Banking System

- github.com/OmarShahbaz/atm
- Built a **Java Spring Boot microservices application** supporting core banking operations (withdraw, deposit, transaction history) with Spring Data and **MySQL persistence**.
 - Secured the system using **Spring Security (JWT, OAuth2)** and enabled inter-service communication through **Kafka**.
 - Applied **clean code principles** and containerized services with **Docker** for scalable and maintainable deployment.

PC Builder - Custom PC Configuration Platform

- github.com/OmarShahbaz/pc-builder
- Developed a **Spring Boot + Spring Data JPA backend** with **MySQL** to store and manage computer parts (motherboards, CPUs, GPUs, peripherals) for cost estimation.
 - Built an **Angular frontend** to allow PC enthusiasts to select components, fetch part details, and calculate the total estimated build cost.

Password-Manager: Secure Credential Storage App

- github.com/OmarShahbaz/password-manager
- Created a **Spring Boot application with Spring Security** for encrypted password storage and retrieval.
 - Implemented robust **authentication and access control mechanisms** to ensure user data protection.

EDUCATION

- BS in Computer Science** GPA **3.13 / 4.0**
Iqra University, Islamabad
- Pre-Engineering** Marks **670 / 1100**
Islamabad Model College F-11/1

SKILLS

Backend Development

- OOP JDBC Reflection API
- Collections Framework Generics Java 8
- Lambda Expressions Stream API Optionals
- Functional Interfaces Exception Handling
- Debugging Functional Programming Multithreading
- JDK/JRE/JVM/JIT Memory Management
- Java Logging Spring Boot Spring Data
- Security using JWT/OAuth2 AOP Servlets
- Filters Interceptors Actuators Restful APIs
- HTTP Protocols Kafka Microservices
- Design Principles SOLID Maven/Gradle
- Postman JSON MySQL/PostgreSQL
- Entity Relationships

Frontend Support

- Angular React Context API Bootstrap DOM
- Fiddler Data Binding Box Model CSS Flexbox

Project planning & Management

- Agile Scrum Jira Sprint Planning Confluence

DevOps & Tools

- Git GitHub/GitLab/Bitbucket Sourcetree Docker
- Kubernetes Rancher CloudBees CI/CD Harness
- Vault

PROGRAMMING LANGUAGES

Java Native