SOHAIL KHAN

📍 Gurugram, Haryana, India

📞 +91-7021744274   ✉ sohailrcp@gmail.com

in linkedin.com/in/sohaailkhan   github.com/Stack64

Professional Summary

Software Development Engineer-I with **2.3 years** of experience building web products and microservices. Core expertise: Python, React.js, Spring boot, REST APIs, Apache Kafka, PostgreSQL, Oracle DB, AWS. Delivered 40% performance gains, 22% latency reduction, and 99.9% uptime. Strong in API design, performance optimization, testing, and Agile delivery.

Technical Skills

Languages: Python, Java (17, 21), JavaScript, SQL, PL/SQL, TypeScript

Backend: Django, Django REST Framework, Spring Boot, Spring MVC, RESTful APIs, Microservices

Frontend: React.js, Next.js, HTML5, CSS3, Responsive Design

Databases: PostgreSQL, Oracle DB, MySQL — Query Optimization, Indexing, Partitioning

Messaging: Apache Kafka, Kafka Streams, Hazelcast, Event-Driven Architecture

Cloud & DevOps: AWS (S3, EC2), Docker, Jenkins, Azure DevOps, Git, Maven

Testing: JUnit 5, Mockito, JMeter, Unit Testing, Integration Testing, Performance Testing

Tools: PyCharm ,IntelliJ IDEA, VS Code, Postman, Swagger/OpenAPI, DBeaver, Jira

AI Tools: Gemini, ChatGPT, GitHub Copilot, Cursor, Claude, Codeium, Tabnine

Practices: Agile, Scrum, TDD, CI/CD, Code Review, System Design, Performance Optimization

Work Experience

Jio Platforms Limited   **Dec 2023 – Present**

Software Development Engineer I — Location Based Services   Mumbai, Maharashtra

- **mHere Pro (Full Stack):** Developed workforce management platform for Reliance employees worldwide. Built real-time GPS tracking, attendance management, geofencing, and compliance monitoring features.

- Architected **15+ microservices** across 25+ instances with **99.9% uptime** under production workloads. Maintained zero downtime during peak loads.

- Optimized inter-service communication and request flows. Reduced API latency by **22%** and timeout incidents by **18%**. Implemented Kafka event-driven architecture, cutting processing time by **30%**.

- Automated PostgreSQL optimization for **50M+ records** via partitioning and indexing. Achieved **40% faster queries** and **28% lower CPU usage**. Built Kafka pipelines processing **150K+ messages/hour**, boosting throughput by **35%**.

- **RetailVista (Backend):** Developed retail asset management platform for JioMart and Ajio managing **22,000+ assets** - physical stores, dark stores, SCM operations, and e-commerce channels.

- Built demographic analytics APIs for population and household data analysis. Enabled store placement optimization and **10-minute delivery** operations nationwide.

- **Tech Stack:** Python, Django, Django REST Framework, REST APIs, Microservices, Kafka, PostgreSQL, Oracle DB, Redis, Docker, Jenkins, Azure CI/CD, Git.

JPMorgan Chase & Co.   **January 2026**

Software Engineering Job Simulation (Forage Platform)   Virtual Experience

- Integrated Kafka into Spring Boot microservice for high-volume transaction messages. Configured topics and embedded Kafka test framework.

- Implemented transaction validation with Spring Data JPA and H2 database. Designed entity models with balance updates.

- Connected to external REST Incentive API using RestTemplate. Developed REST endpoint for user balance queries.

Hewlett Packard Enterprise   **January 2026**
Software Engineering Job Simulation (Forage Platform)   Virtual Experience

- Designed RESTful API for employee management. Built Spring Boot server with CRUD operations and JSON handling.

- Developed JUnit 5 test suite with Mockito for unit testing and TDD validation.

Wells Fargo & Company   **January 2026**
Software Engineering Job Simulation (Forage Platform)   Virtual Experience

- Designed data models for financial portfolio management. Created ERD with database normalization (1NF, 2NF, 3NF).

- Implemented Java application using OOP principles. Published to GitHub with version control.

Key Projects

Transaction Notification Service   **2023**
Java, Spring Boot, PostgreSQL, JWT

- Built event-driven notification service for **10K+ daily transactions** using JavaMail API and async processing.
- Developed secure REST APIs for deposit, withdrawal, and transfer with JWT authentication. Reduced latency by **25%**.
- Implemented CSV export with batch processing for **1M+ transaction records** for audit and compliance reporting.

Employee Workflow Platform   **2023**
Python, Django, Django REST Framework, Apache Kafka, PostgreSQL, Microservices, Docker

- Built Kafka-based workflow system processing **50K+ events/hour**. Reduced processing delays by **40%**.
- Decomposed monolith into **6 microservices** using DDD. Cut release cycle time by **30%** with Docker.
- Created automated validation pipelines with error handling. Reduced integration failures by **35%**.

Certifications

IBM Java Developer Professional Certificate	**November 2025 – January 2026**
	IBM via Coursera
Spring Boot and React: Build Scalable and Dynamic Web Apps	**October 2025**
	LinkedIn Learning
Software Engineering Job Simulation Certificate	**January 2026**
	JPMorgan Chase via Forage
Software Engineering Job Simulation Certificate	**January 2026**
	Hewlett Packard Enterprise via Forage
Software Engineering Job Simulation Certificate	**January 2026**
	Wells Fargo via Forage

Education

Chandigarh Engineering College   **Jul 2019 – Jun 2023**
Bachelor of Technology in Information Technology — CGPA: 8.2/10   *Mohali, Punjab*

Additional Information

Languages: English (Professional), Hindi (Native) — **Open Source:** Active GitHub contributor
Currently Working On: Backend microservices and performance optimization (GitHub: github.com/Stack64)
Interests: Cloud Computing, Distributed Systems, System Design, Performance Optimization, AI/ML

Areas of Learning (Next 3-6 Months)

Kubernetes, API gateway patterns, service discovery and circuit breakers, RabbitMQ/ActiveMQ, observability tools (Prometheus, Grafana, ELK, Splunk), AI/ML courses (ML fundamentals, LLMs, prompt engineering), AI-backed features with AWS/OpenAI.