

SOHAIL KHAN

📍 Mumbai, Maharashtra, India

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🌐 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

Software Development Engineer I — Location Based Services

Dec 2023 – Present

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.

Software Engineering Job Simulation (Forage Platform)

January 2026

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
Software Engineering Job Simulation (Forage Platform)

January 2026
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
Software Engineering Job Simulation (Forage Platform)

January 2026
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.