SURAJ SAHIL

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Education

Lovely Professional University   **Oct 2022 – May 2025**
Master of Computer Application (MCA) GPA:7.86   *Phagwara, Punjab, India*

Technical Skills

Languages: Java, JavaScript, SQL, C++, HTML5, CSS3
Frameworks / Libraries: Spring Boot, React, Tailwind CSS, JUnit, Mockito, Swagger
Developer Tools: Git, Maven, Docker, Kubernetes, Jenkins, IntelliJ IDEA, VS Code, Postman
Databases: MySQL, MongoDB
Cloud / Others: AWS (Basic), RESTful APIs, Microservices, Kafka

Experience

Revature   **Sep 2025 - Present**
Software Developer   *Remote*

- Led Development scaled features for **10,000+** users using **Java** and **Spring Boot**, boosting efficiency by **15%** through optimized code refactoring.
- Streamlined pipelines reduced latency by **20%** under tight deadlines with **RESTful APIs** and **Docker** integration in Agile sprints.
- Spearheaded Resolution cut downtime by **25%** using Agile/**Gitflow** workflows, enhancing client application reliability.
- Mentored Team guided 3 junior developers, lifting productivity by **30%** with hands-on **Java** training sessions.
- Designed APIs Created reusable **API** components with **JUnit** testing, adopted across 5 client projects for scalability.

Celebal Technologies   **Jun 2023 - Aug 2023**
Software Developer Intern   *Jaipur, Rajasthan, India*

- Engineered interfaces designed responsive web interfaces with **React** and **Tailwind CSS**, paired with **Spring Boot** backends, accelerating **APIs** by **30%** through query optimization and caching.
- Enhanced security implemented enterprise-grade authentication using **Spring Security** and integrated Azure Active Directory, blocking 100+ potential breaches in simulated data analytics workflows.
- Orchestrated deployment assisted in deploying microservices to **Kubernetes** on Azure, improving rollout speed by **40%** and supporting cloud-native analytics solutions.
- Optimized data pipelines optimized **MySQL** schemas with **Hibernate** and **JPA**, achieving **35%** faster query execution for Power BI-integrated reporting.
- Collaborated on Projects Worked in Agile teams to deliver scalable full-stack features, contributing to AI-driven enterprise tools and gaining exposure to Databricks for data intelligence.

Projects

Distributed Banking System / *Spring Boot, React, RESTful APIs, Spring Security, MySQL, Kafka*
- Architected platform increased user adoption by **40%** and reliability by **35%** with microservices architecture.
- Deployed system achieved **99.9%** uptime using **Docker** and **Kubernetes**.
- Added detection introduced real-time fraud detection, cutting risks by **25%**.
- Scaled infrastructure Handled 50,000+ transactions daily with optimized **Java** code.

Real-Time Chat Application / *Spring Boot, React, WebSocket, JWT Authentication, MongoDB*
- Developed system reduced latency by **25%** and response time by **20%** with **WebSocket** integration.
- Integrated security ensured **95%** test coverage using **Spring Security** and **JUnit**.
- Enabled synchronization Supported 10,000+ concurrent users with scalable **React** frontend.
- Optimized costs lowered server costs by **15%** with efficient **PostgreSQL** queries.

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Internet Technology
- Computer Network
- Operating System