SURAJ GAIKWAD

Software Engineer

surajgaikwad0287@gmail.com

+91- 9370266206

LinkedIn | GitHub | LeetCode | Portfolio

Technology driven professional with **over 1 years** of experience in **Full Stack & Backend Software & Application Development**.

Skilled in contributing to the development of high-volume, low-latency applications for critical systems; targeting to express potential in challenging roles with an esteemed organization in **Pune, Hyderabad & Bengaluru.**

PROFILE SUMMARY

- Possess an experience in **Software Engineering**, emphasizing **backend development & full-stack solutions**, while consistently striving to deliver software products of exceptional quality.
- Holding the position of **Software Engineer at SS&C Technologies**, tasked with the development & optimization of software solutions aimed at **improving operational efficiency & enhancing user experiences** in investment management.
- Acquired in-depth knowledge of multiple programming languages & frameworks, such as **Java, Spring Boot, React.js & MySQL**, while persistently refining expertise in software architecture & system design over the course of the career.
- Realized substantial enhancements in operational processes through the **development of RESTful APIs** capable of managing **more than 1,00,000 transactions each month**, demonstrating proficiency in high-volume data processing.
- Showcased expertise in **database management & optimization strategies**, guaranteeing data integrity & reliability through proficient utilization of SQL and backend data operations.
- Built an internal **React + Spring** Boot module to automate policy reactivation, replacing manual SQL steps with a one-click backfill process—**cutting reactivation time by 90%.**
- Innate excellence in implementing strategic updates & alterations to the existing application features, **fine-tuning performance & enhancing user experience**. Achieved an **improvement in overall application performance** by implementing new technologies & enhancing existing application features.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, SQL
- **Frameworks & Libraries:** Spring Boot, Java Spring, React, Bootstrap
- **Web Technologies:** HTML, CSS
- **Software Development Concepts:** Object-Oriented Programming (OOP), Data Structures
- **API & Testing Tools:** REST, Postman
- **Version Control & Collaboration:** Git, GitHub
- **Deployment & Hosting Platforms:** Netlify
- **Emerging Technologies:** Internet of Things (IoT)

CORE COMPETENCIES

- Full Stack & Backend Software & Application
- Development Lifecycle
- System Integration Strategies
- Agile/ Scrum Methodologies
- Continuous Integration & Continuous Deployment (CI/CD)
- API Management & Security
- Code Review, UI & Feature Enhancement
- Troubleshooting & Debugging
- Application Performance Optimization
- Cross-Functional Coordination
- Project Execution

EDUCATION

- **2024: Bachelor of Computer Engineering** from Vishwakarma Institute of Technology, Pune.
- **2021: Diploma in Computer Technology** from SOU Venutai Chavan Polytechnic, Pune.

WORK EXPERIENCE

Jul'24 to Present: SS&C Technologies, Pune

As Software Engineer

Significant Highlights:

- **Robust API Development for High-Volume Transactions:** Engineered and deployed scalable RESTful APIs using Java and Spring Boot to manage pension premium collection, fund allocation & claim processing—efficiently handling over **100,000+ transactions** per month with high reliability and performance.
- **Interactive Dashboard Design for Enhanced Operational Insight:** Designed & implemented dynamic dashboards using React.js for internal stakeholders, enabling real-time tracking of policy status, payment history & claim activities—resulting in a **30% reduction in manual follow-ups.**
- **Backend Optimization for Accelerated Data Processing:** Streamlined backend business logic and refined SQL query structures, leading to a **40% reduction in data retrieval time** and significantly enhancing report generation speed and UI responsiveness across the system.

INTERNSHIP

Apr'24 to Jun'24: SS&C Technologies, Pune

As Software Engineer Intern

Significant Highlights:

- **Scalable ETL Pipeline Development:** Built an end-to-end ETL pipeline using SSIS and SQL to migrate over **100K+ insurance records** from legacy backups into a structured database, achieving 99.9% data accuracy across critical systems.
- **SSIS Automation for Operational Efficiency:** Automated the execution of **300+ SQL** transformation scripts using SSIS packages, reducing manual intervention and significantly enhancing pipeline reliability and deployment speed.
- **Audit-Ready Reporting for Business Validation:** Generated comprehensive Excel-based validation and reconciliation reports, enabling business and QA teams to perform effective audits and sign-offs with **100% data consistency** assurance before production release.

PERSONAL PROJECTS MANAGED

SHOPEASE (Billing Application)   Duration: Mar'22 to Apr'22

- **Custom Billing Solution for SMEs:** Engineered a Java-based billing application utilizing Swing and MySQL, specifically designed to meet the operational needs of small and medium-sized enterprises.
- **Accelerated Transaction Speed:** Integrated streamlined features for both Admin and Employee roles, resulting in a 60–70% reduction in billing time and significantly enhancing transaction efficiency.
- **High-Volume Data Management:** Enabled seamless handling of over 10,000 customer records and 5,000 inventory items, ensuring uninterrupted performance and reliability in high-demand retail environments.
- **LINK**

OBSTACLESENSE (Blind Stick)   Duration: Jul'23 to Sep'23

Innovated Assistive Technology for the Visually Impaired

- Designed and engineered an IoT-enabled smart blind stick using ultrasonic sensors to detect obstacles, enhancing mobility for visually impaired individuals.
- Led end-user testing sessions with visually impaired participants, incorporating critical feedback to refine obstacle detection accuracy and improve alert mechanisms.
- Achieved a high-performance benchmark with 90% accuracy in real-time object detection, demonstrating the reliability and effectiveness of the solution in real-world conditions.

PERSONAL DETAILS

Date of Birth: 22nd January 2002   **Languages:** English, Hindi & Marathi   **Address:** Pune, India