Siddhant Singh

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GitHub: github.com/siddhant3646 | LinkedIn: www.linkedin.com/in/siddhant3646/

TECHNICAL SKILLS

Languages & Frameworks:

Java, JavaScript, HTML, CSS, ReactJS, NodeJS, Python, Spring, Spring Boot, Hibernate, Apache Spark, Apache Flink, Apache Kafka, Apache Storm, Apache Airflow, DBT, JUnit, System Design patterns, Data Structures algorithms, Object-oriented, SOLID, CAP, AWS, GitLab, Azure, GCP, Cloud, GIT, MySQL, NoSQL, Jira, Docker, Kubernetes, Splunk, Postman, Grafana, CICD, Confluence, Oracle SQL Developer, IntelliJ, Eclipse, Fortify, Microsoft Azure, Pivotal Cloud Foundry, Maven

PROFESSIONAL EXPERIENCE

Software Engineer - 2   **Jun 2022 - Present**

Fiserv | Noida

- **Resolved 80+ user** stories and 35 complex technical defects, resulting in **enhanced** application functionality, **increased** security, and improving service **reliability** by **40%** and reducing user-reported issues by **60%**
- **Designed scalable data** streaming workflows integrating **Apache Kafka** with **Apache Flink** and **Spark**, improving the **reliability** of settlement reporting systems by **40%** and eliminating data inconsistencies across distributed ledgers
- **Collaborated in an Agile** environment to migrate production services from **Java** 8 to **Java** 21, leveraging virtual threads and **Spring** reactive stacks to improve application response time by **15%**
- **Engineered highly scalable** back-end **microservices** using **Spring Boot**, accelerating transaction dispute processing to under **2 seconds** and elevating overall system **efficiency** scores by **35%**
- **Revamped the front** -end by converting legacy **HTML**, **CSS**, and **JavaScript** into a **React.js** and **Typescript** application, using **Node.Js** tools for an **optimized** build process and achieving a **40% performance** gain
- **Architected and built** 15 new, scalable services from the ground up with **Spring Boot** to serve a new tier of toolkit clients
- **Achieved 90% code coverage** by implementing robust unit tests with **Junit**, enhancing overall application **reliability**
- **Strengthened application security** pipelines by integrating **Fortify** scans into **GitLab** workflow, proactively resolving critical vulnerabilities and reducing security risks by **75%**
- **Deployed and Managed** scalable **microservices** on **AWS** using **EC2**, **S3**, **Lambda**, **RDS**, and **CloudWatch**, with **automated CI/CD** pipelines to enable seamless integration, testing, and deployment
- **Audited the application** requirements alongside stakeholders, preventing **25+** critical requirement gaps that could lead to significant settlement issues, and **accelerated** project delivery
- **Engineered high-throughput** data processing pipelines using **Apache Spark** and **Apache Flink**, **orchestrated** via **Apache Airflow** and **DBT**, to enable real-time analytics and reporting for the Dispute Expert Toolkit Clients
- **Led the end** -to-end development of 5 new features, from design to deployment, enhancing application stability and earning recognition as Team's Best Performer for 2023-24

EDUCATION

MBA in Business Analytics   **Jan 2025 - Present**

Symbiosis International University | Pune, India

B.Tech in Computer Science and Engineering   **Jun 2018 - May 2022**

Vellore Institute of Technology | Bhopal, India

ACHIEVEMENTS

- **Secured 1st place** among **500+** participants in **Fiserv** 's Secure Code Warrior competition, validating advanced expertise in secure coding practices
- **Led a 10** -member Android team at Google Developer Student Club, driving innovative app development and conducting technical workshops
- **Recognized as Team** 's Best Performer for 2023-24 at **Fiserv**