

Sunil Giri

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EXPERIENCE

Capgemini Technology Services India Limited

February 2022 - December 2024

Software Engineer

Pune, India

Tech Stack: Java, Spring Boot, Apache Kafka, PostgreSQL

- Developed the backend of a credit score analysis tool using Spring Boot, accelerating development timelines.
- Implemented a real-time credit scoring system with Kafka, improving decision-making speed by **30%**.
- Designed and maintained RESTful APIs and core business logic, ensuring seamless system integration.
- Strengthened authentication protocols using OAuth, enhancing overall system security.
- Migrated legacy systems to microservices, reducing system downtime by **40%**.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering

June 2015 – May 2019

Nalanda Institute of Technology

Bhubaneswar, India

TECHNICAL SKILLS

Languages: Java, SQL

Frameworks & Technologies: Spring Boot, Spring Data JPA, REST APIs, Microservices

Database: PostgreSQL, MySQL, MongoDB

Developer Tools: Maven, Git, Docker, Jenkins, Visual Studio Code, IntelliJ IDEA, Eclipse

Concepts & Methodologies: Object-Oriented Programming (OOP), Agile Development

PROJECTS

E-Card Micro service Application | *Spring Boot, Spring Data JPA, MySQL, MongoDB, Eureka, API Gateway, Angular*

- Developed a scalable **e-commerce microservice application** allowing users to add products to a cart and complete purchases.
- **Role-based access:** Implemented customer and admin roles. Admins can manage products, customers, and orders through secure endpoints.
- **Microservices architecture:** Leveraged **Spring Cloud** components like **Eureka Discovery Server** and **API Gateway** for efficient inter-service communication.
- **Security:** Integrated **Spring Security** for robust authentication and authorization.
- Used **Spring Data JPA** and **MySQL** for relational data, and **MongoDB** for non-relational operations such as product catalog storage and user activity logs.
- Built a **responsive and dynamic frontend** using **Angular**, styled with **HTML/CSS**, and integrated with backend APIs via RESTful services.

Score Now | *Spring Boot, Spring Data JPA, PostgreSQL, Angular, Jsoup*

- Built a **real-time cricket score tracking application** with seamless backend–frontend integration.
- Utilized the **Jsoup library** to scrape and fetch live match scores from external cricket websites.
- Designed and implemented **high-performance CRUD operations** using **Spring Boot** and **Spring Data JPA**, backed by **PostgreSQL** for persistent data management.
- Developed a **responsive and user-friendly UI** with **Angular**, enhancing the overall user experience by **30%**.
- Achieved **real-time data synchronization**, reducing latency by **40%** and improving system reliability by **30%** through optimized RESTful communication.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – *Amazon Web Services (AWS)*
- **Google Cloud Digital Leader** – *Google Cloud Platform (GCP)*