

# 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 Microservice 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)* – [Download](#)
- **Google Cloud Digital Leader** – *Google Cloud Platform (GCP)* – [Download](#)