

# SRIJAN GONE

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## SUMMARY

Passionate Full-Stack Developer with a strong technical background in **Java, Django, React, and PostgreSQL**. I thrive in building scalable, user-centric solutions, taking ownership of projects from design to deployment. With a deep understanding of **Frontend and Backend development**, I enjoy solving complex problems, optimizing performance, and collaborating with cross-functional teams to deliver seamless experiences. Always eager to improve engineering processes and mentor fellow engineers, I thrive in fast-paced, dynamic environments.

## EDUCATION

### WRIGHT STATE UNIVERSITY

DAYTON, OH

Master of Science in Computer Science (GPA:4.0/4.0)

### ANURAG UNIVERSITY

Hyderabad, IN

Bachelor of Technology in Information Technology (GPA:3.50/4.0)

## WORK EXPERIENCE

### WRIGHT STATE UNIVERSITY

Dayton, OH

#### Graduate Assistant

March 2024 – September 2024

- Developed and optimized search algorithms using **Java, C++, and SQL**, resulting in a 20% improvement in data retrieval speed and accuracy.
- Integrated **AWS** to create scalable search solutions and manage large datasets efficiently.
- Implemented and maintained **CI/CD pipelines** to automate the deployment and testing of information retrieval systems, ensuring efficient and reliable integration of new features and updates.
- Implemented containerization using **Docker** and orchestrated deployment using **Kubernetes**, which streamlined development and deployment processes.

### CAPGEMINI

Hyderabad, INDIA

#### Analyst

October 2021 – December 2022

- Enhanced application performance by 40%, optimizing backend code using **Java**, and improving database queries with **SQL** and **MySQL**.
- Increased database efficiency by 30%, optimizing data access and query processing through schema redesigns and indexing techniques in **PostgreSQL** and **MongoDB**.
- Optimized full-stack web applications, improving performance by 40% through backend development in **Node.js**, and **Python**, while enhancing frontend user experience using **React**, **Angular**, and **HTML5/CSS3**.
- Increased system scalability by 30% by implementing micro-services architecture using **Spring Boot** and **Docker**, improving deployment efficiency and application management.
- Enhanced user interfaces by 20% through responsive, mobile-first designs leveraging **Bootstrap** and **React**, ensuring cross-browser compatibility and faster load times.

## TECHNICAL SKILLS:

- **Programming Languages:** Java, Spring Boot, REST APIs
- **Front-End Technologies:** HTML5, CSS3, JavaScript, TypeScript, React, Angular, Node.js.
- **Databases:** SQL, PostgreSQL, MySQL, Cloud SQL
- **Data Messaging Systems:** Kafka, Google Pub/Sub, Event-Driven Architecture
- **Data Serialization Formats:** AVRO, Protobuf, Data Encoding
- **Data Streaming Services:** Apache Flink, Apache Spark, Google Dataflow
- **Cloud Platforms & Infrastructure:** Google Cloud (BigQuery, Cloud Storage, Cloud Functions, Pub/Sub, App Engine, Cloud SQL)
- **Containerization & Orchestration:** Docker, Kubernetes
- **CI/CD & Deployment:** CI/CD, Jenkins, GitHub Actions, Production Deployment

## SOFT SKILLS:

- **Problem-Solving:** Designing and maintaining end-to-end solutions.
- **Ownership & Initiative:** Leading projects, taking responsibility for features.
- **Collaboration:** Working cross-functionally with product, design, and other teams.

## PERSONAL PROJECTS

### 1. AI-Powered Vendor Verification System

- Developed an **AI-driven background check platform** to analyze vendor and supplier data for fraud detection.
- Implemented **automated KYC/KYB workflows**, reducing manual verification time by **80%**.
- Built a **real-time dashboard** for compliance teams to track onboarding status and risk scores.

### 2. Scalable Fleet Management Platform

- Designed a **self-service onboarding system** for fleet drivers, integrating **document verification & automated approvals**.
- Developed an API-first **integration layer** to sync with insurance providers, government databases, and payment systems.
- Engineered a **microservices-based backend**, improving reliability and scaling capabilities **by 100x**.