

Sujith Kumar Nagavelli

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Executive Summary

Enthusiastic and results-driven software developer with expertise in Java, C, Python, SQL, and web technologies. Passionate about full-stack development, UI/UX design, and building scalable software solutions.

Education

SR University, Bachelor of Technology in Computer Science **Nov 2022 – Jun 2026**

CGPA: 9.35/10.0

Relevant Coursework: Data Structures, Algorithms, OOP, OS, Network Security, Data Mining, Database Management.

Experience

AICTE Virtual Internship - Java **Oct 2024 – Dec 2024** *AICTE Certified Program*

- Mastered Java, OOP principles, exception handling, and UI design with 85% proficiency.
- Developed 5+ small-scale Java applications integrating JDBC with Oracle databases.

Google AI/ML Virtual Internship **Jan 2024 – Apr 2024** *AICTE Certified Program*

- Built and deployed ML models in TensorFlow with 80% accuracy.
- Optimized data models, improving processing efficiency by 40%.

Technical Skills

Languages: Java, C, Python

Web Development: HTML, CSS, JavaScript

Databases: SQL, PL/SQL

Machine Learning: TensorFlow, Data Processing

Projects

Book Your Driver Application **Ongoing**

- Developed a chauffeur booking platform, supporting 100+ active users with authentication and scheduling features.
- Designed an intuitive UI/UX, improving user engagement by 60%.

Automated Doorbell System (IoT) **Completed**

- Engineered an Arduino-based smart doorbell using ultrasonic sensors, reducing manual intervention by 70%.
- Implemented a real-time alert system that improved response time by 50%.

Electricity Bill Prediction (Python) **Completed**

- Developed an ML-based bill prediction model achieving 90% accuracy using historical data.
- Optimized data preprocessing and feature selection, reducing computation time by 35%.

Certifications

Cisco NETACAD Certified: Introduction to Networks **June 2023**

AWS Certified: Web Application Builder **Nov 2024**

Achievements

Awarded for achieving a perfect 10 GPA in the first year of B.Tech at SR University.