

# ABHIRAM DEVARUPPULA

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## EDUCATION

SR University	B.Tech Computer Science (2023–2026)	CGPA: 7.8/10
SVS Group of Institutions	Diploma – ECE (2020–2023)	
Sri Chaitanya School	SSC (2020)	

## EXPERIENCE

### AI/ML Development Intern — Gustovalley Technovations (May–Jun 2024)

- Optimized deep learning pipelines using TensorFlow & PyTorch, improving model performance by **80%**.
- Built & deployed **3 ML models** achieving **95% accuracy** and enhancing processing speed by **20%**.
- Collaborated on model evaluation, tuning, and production deployment workflows.

## PROJECTS

### Digital Payment System — Java Servlets, AngularJS, JDBC

- Developed secure payment platform with **99.9% transaction success** and seamless authentication.
- Built reusable UI components, reducing frontend development time by **20 hours/week**.

### Optimization of Vehicle Fuel Economy — Python, ML

- Identified low-MPG outliers & built optimized feature selection pipeline reducing dataset size by **20%**.
- Improved training speed by **25%** without affecting accuracy.

### Smart IoT■Based Fence Alert System

- Built real-time intrusion alert system with cloud connectivity & automated SMS notifications.
- Reduced false positives by **15%** via hardware–software integration.

## TECHNICAL SKILLS

Programming:	Java, Python, JavaScript, C, SQL
Frontend:	HTML, CSS, JavaScript, AngularJS (learning React)
Backend:	Java Servlets, JDBC (learning Node.js, Django)
Databases:	MySQL, OracleDB, MariaDB, basic MongoDB
Cloud & Tools:	AWS, GCP, Git, GitHub, Postman, Tomcat
Concepts:	DSA, OOP, SDLC, Agile/Scrum

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 – Generative AI Professional
- AWS Academy Cloud Foundations
- AWS Academy Cloud Architecting
- IoT – Infosys Springboard

- Introduction to Databases (Honors) – Coursera

## ACHIEVEMENTS

- Academic Excellence Award – V Semester (2024–2025)
- Hackathon Participant – SR University (2023)
- International Workshop on AWS Infrastructure Mastery (2024)