

ABHIRAM DEVARUPPULA

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EDUCATION

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|---------------------------|-------------------------------------|--------------|
| 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

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|----------------|---|
| 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)