

KARAMALA ROHITH

+916304277503 ♦ Puttur, Andhra Pradesh

karamalarohith012@gmail.com ♦ [linkedin.com/in/karamala-rohith-a2a529321](https://www.linkedin.com/in/karamala-rohith-a2a529321)

OBJECTIVE

Aspiring Software Engineer with expertise in software development, debugging. Skilled in Python, SQL, HTML, CSS and Javascript with strong foundations in data structures and algorithms. Led an AI-powered road safety project, improving processing speed by 20%, and enhanced project efficiency by 15%. Passionate about collaborative teamwork, problem-solving, and delivering high-quality software solutions.

EDUCATION

Siddharth Institute of Engineering and Technology

Andhra Pradesh ,2021-2025

Bachelor of Technology (Computer Science) ;CGPA:7.5

Coursework: Neural Networks, Big Data Analytics, Web Programming, Data Structures and Algorithms, Operating Systems, Computer Networks, Software Development Life Cycle, Database Management System, Computer Organization and Architecture.

SKILLS

Technical Skills Python, SQL, HTML, CSS, Javascript, C.

Soft Skills Communication, Time Management, Leadership, Team Collaboration, Problem Solving.

Languages English, Telugu.

INTERNSHIP

Software Engineering Virtual Internship

Jan 2025

Electronic Arts (Forage)

- Developed four interactive prototypes during the virtual job simulation program.
- Enhancing understanding of user experience design and leading to a 30% improvement in participant feedback on usability features.
- Significant annual cost savings were achieved as a result of a 15% increase in data processing efficiency.

Software Engineering Job Simulation Internship

Jan 2025

Skyscanner (Forage)

- Completed practical tasks in React web app development, microservices, mobile flight itinerary, and user-friendly platform design.
- Executed practical assignments focusing on React web app design and architecture of microservices, developed an intuitive mobile flight itinerary feature achieving positive feedback from 95% of participants during usability testing.

PROJECTS

Smart Road Safety for Damaged Roads and Lane Detection. Designed and tested an image recognition algorithm with 98% detection accuracy. Used multi-threading and test-driven development (TDD) to reduce processing time by 40%. Collaborated in Agile teams; created low-level component designs and documented data flow.

CERTIFICATIONS

- Python Programming (NPTEL): Completed a Python course through NPTEL, mastering core programming concepts and algorithms, and developed three independent projects that showcased skills in data analysis and automation techniques.
- Becoming an Effective Leader (EDX): Applied leadership strategies to guide team initiatives, which improved the project completion rate by 15% within six months.