

PREM

SOFTWARE DEVELOPER | FULL-STACK & CLOUD ENTHUSIAST

CONTACT

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PROJECTS

Smart AI-Based Traffic Management System | Aug 2025

The Intra-College event

- Built an IoT + AI solution using IR and sound sensors to detect violations, reset signals, and issue automated fines.
- Enhanced with noise monitoring (50–60 dB for children, 85 dB for adults) to control urban traffic effectively.

Kutty-Port: Coastal Export Optimization| June 2025

Unstop - 2nd place at Bharati Vidyapeeth University (BVIMR)

- Proposed AI-driven micro-port strategy with online auctions to optimize export logistics for MSMEs. Improved efficiency in scheduling, allocation, and cost reduction for coastal trade.

Silent Breaches, Loud Consequences | Feb 2025

IEEE Research Paper

- Created a framework to mitigate AI misuse by focusing on ethical and regulatory compliance. Delivered consulting solutions for responsible AI deployment in sensitive domains.

Budget Management System| Jan 2025

Tracking income - expense

- Created a framework to mitigate AI misuse by focusing on ethical and regulatory compliance. Delivered consulting solutions for responsible AI deployment in sensitive domains.

Internship | June 2025

Digital Marketing Intern – Maven Advert (May–Jun 2025)

- Contributed to campaign strategy, social media outreach, and design team support, showcasing adaptability and teamwork.

ACADEMIC HISTORY

Sri Krishna College of Technology | 2023-2027

BE Cse - (Internet Of Things)

- GPA: 8.5
- Academic Excellence Award
- i was recognised at Keerthi 2025

SHNV Mat Hr Sec School | 2022

Computer Science

- Percentage : 90.83
- Recognized in School Magazine for Academic Distinction

CERTIFICATION

Microsoft Certified | June 2025

Azure Fundamentals

Tata iQ via Forage | June 2025

GenAI Powered Data Analytics Job Simulation

Sri Krishna College of Technology | Feb 2025

Pitch & Present Challenge (IoT InnovateX)

V Vision, MSME | Nov 2024

Full-Stack (MERN) App/Web Development Traineeship

Workshop IIT Madras | Sep 2024

IoT Automation using Raspberry Pi & Node-RED

V Vision, MSME | Nov 2024

Data Analytics Traineeship