Dannaram Videeksha

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Technical Skills

Languages: C, Python, JavaScript, C++, Java
Libraries: Pandas, NumPy, Matplotlib
Web Technologies: HTML, CSS
Tools: Git, GitHub, VS Code
Platforms: MySQL
Soft Skills: Leadership, Problem Solving, Writing, Time Management

Education

Examination	Major	Institute	Year	CGPA
B-Tech	CSE	B V Raju Institute of Technology	Sep 2023-2027	8.95
Intermediate	MPC	Shree Akshaya Junior College	May 2021-2023	9.72%
Matriculation	SSC	St.Peter's High School	May 2021	10.0

Projects

Smart Drone Surveillance System: Autonomous drone using YOLOv8 and Optical Flow for real-time survivor detection, heatmap generation, and GPS-based alerts via edge computing and web dashboard.
Tech: YOLOv8, Optical Flow, Edge Computing, Web Dashboard

Event Ticket Booking System: Developed a web application to streamline event discovery, booking, and management for users and organizers. Focused on backend development using Java and MySQL to ensure secure data handling and efficient processing.
Tech: Java, MySQL, HTML, CSS, JavaScript

Hackathon Projects

Turing Cup 2K25: Project: Smart Drone Surveillance — Role: Developer
Built an autonomous drone system with YOLOv8 and Optical Flow for real-time survivor detection and GPS-based alerts.
Tech Stack: YOLOv8, Optical Flow, Web Dashboard

4hr Hackathon @ BVRIT: Project: BVRIT Connect MVP — Role: Full-Stack Developer
Rapidly prototyped a networking platform for alumni and students with mentorship and events features.
Tech Stack: Firebase, JavaScript, HTML, CSS

Certifications

Introduction to Generative AI Studio: Simplilearn – July 2025
Deloitte Australia Technology Job Simulation: Forage – June 2025
Advanced Programming in C++: Cisco Networking Academy – 2025
Responsive Web Designing Certification: Infosys – 2024
Computer Vision 101: Infosys – 2024

Achievements

R&D Showcase 2025: Awarded First Prize for developing 'Smart Drone Surveillance' using YOLOv8-based computer vision on autonomous drones for real-time survivor detection and disaster response.