

RAM GANESH VEMULA

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CAREER OBJECTIVE

Motivated B.Tech Computer Science student seeking internship opportunities to apply technical skills in real-world projects. Passionate about software development and emerging technologies, with hands-on experience in full-stack development and AI applications. Eager to contribute to innovative projects while gaining valuable industry experience.

EDUCATION

Bachelor of Technology - Computer Science Engineering

PES University, Bengaluru

Expected Graduation: 2027 • Currently finished 2nd Year

Programming Languages

Python, C, JavaScript, HTML, CSS

Frameworks & Technologies

MERN Stack (MongoDB, Express.js, React.js, Node.js)

Database & Tools

SQL, MATLAB, Cisco Packet Tracer, ARM Assembly Simulator

TECHNICAL SKILLS

PROJECTS

PESocial - Social Media Application

Developed a full-stack social media platform using MERN stack technology. Features include user authentication, post creation, real-time interactions, and responsive design for seamless user experience across devices.

Lumos AI - Smart Study Lamp

Created an AI-powered voice interaction system for a study lamp designed to assist students. Integrated voice recognition and AI responses to provide study support and interactive learning experiences.

Arduino Robot Car

Built an autonomous robot car using Arduino with obstacle detection and line tracking capabilities. Implemented sensor integration and control algorithms for navigation and autonomous movement.

NeuroByte - ADHD/Autism Support Application

Developed a basic application aimed at helping children with ADHD and Autism improve their cognitive skills through interactive exercises and user-friendly interface design.

Hackathons

Won 2 out of 4 hackathons participated, including Healthiathon 2.0 (24-hour hackathon by WEAL at PES University)

Programming Certifications

HackerRank certificates for Basic C, Basic SQL and Basic Python problem solving

Chess Tournaments

Multiple certificates from chess tournaments demonstrating strategic thinking and competitive spirit