PYDI RAMACHANDRA

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SUMMARY

Third-year B.Tech Computer Science student specializing in Artificial Intelligence and Machine Learning. Experienced in full-stack development, machine learning, and database systems. Passionate about solving real-world problems using scalable, optimized algorithms. Proficient in C, C++, Python, Java, and the MERN stack. Qualified GATE 2025 (CS). Enthusiastic about building innovative, impact-driven solutions.   View Portfolio.

SKILLS

Programming Languages:	JavaScript, TypeScript, Java, C++, Python.
Front-end Technologies:	HTML, CSS, Bootstrap, Tailwind CSS, React.js, Flutter, React Native (Basics).
Back-end Technologies:	Node.js, Express.js, PHP, Java (Spring Boot), MySQL, MongoDB.
Tools and Platforms:	Git/GitHub, VS Code, Postman, Firebase, Cygwin.
Development Tools:	Git/Github, VS Code, Cygwin.
Software Development:	REST APIs, MVC Architecture, Responsive Design, JWT Authentication, State Management (Redux, Provider).
Other Skills:	Full Stack Project Development, Debugging, Deployment (Vercel, Netlify, Render).

WORK EXPERIENCE

CELEBAL TECHNOLOGIES | React Full Stack Intern   May 2025 – July 2025

– Built and deployed full-stack applications using **React.js**, **Node.js**, and **MongoDB**, focusing on performance and scalability.

– Developed responsive UI components and integrated RESTful APIs to support dynamic data interaction.

– Collaborated with cross-functional teams using Git and Agile practices to deliver weekly deliverables and improve team efficiency.

Software Developer | Quagga Motors (EV Startup)   May 2023 – Jan 2024

– Led a team of 6 members in developing a cross-platform mobile application for electric vehicle management and diagnostics.

– Built the app using **Flutter** and **Dart**, ensuring smooth performance on both Android and iOS platforms.

– Integrated real-time APIs and IoT data from vehicles to display live metrics such as battery health, location, and service alerts.

– Worked closely with founders and engineers to define product requirements, enhance user experience.

PROJECTS

FARM-CART | Full-Stack Web App using MERN Stack   FarmCart

– Farm Cart is a real-time application built using the MERN stack, allowing farmers to list products, manage inventory, and connect directly with customers for seamless transactions.

– Implemented a robust backend with MongoDB and Node.js, enabling real-time updates, smooth order processing, and a reliable user experience.

– GitHub-repo: `Farmcart-repo`

IMAGE CARTOONIFY | Machine Learning

– Developed an image cartooning system using advanced image processing techniques, transforming real images into cartoon-like visuals.

– Implemented edge detection and stylization methods, enhancing image aesthetics while maintaining key features for a smooth transformation.

PORTFOLIO WEBSITE | Personal Branding - Next.js, Tailwind CSS   Portfolio

– Designed and developed a responsive personal portfolio using **Next.js** and **Tailwind CSS**, showcasing my projects, skills, and experience in a clean, modern layout.

– Implemented dynamic routing, reusable components, and smooth animations for a seamless user experience.

– Deployed the application for public access and optimized it for fast load times and mobile responsiveness.

– GitHub-repo: `Personal-Portofolio-repo`

EDUCATION

2022 - Present	**B.Tech in Computer Science**, SRM University AP	(GPA: 8.68/10.0)
		Expected Grad: May 2026
2022	Class 12th State Board	(93.2%)
2020	Class 10th Some Board	(98.0%)