

# Prudvi Kumar Reddy. P

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Portfolio: <https://prudvi-kumar-reddy.vercel.app>

## SUMMARY

Engineered intelligent, scalable solutions that merge cloud, AI, and full-stack technologies to solve real-world challenges—before even graduating. With a sharp analytical mindset and a passion for innovation, I architect seamless user experiences and optimize systems for performance and impact. I thrive in fast-paced, tech-driven environments where ideas become solutions, and solutions become transformation. Ready to drive technology-forward change from day one.

## EDUCATION

**Bachelor of Technology** in Computer Science & Engineering – Nalla Malla Reddy Engineering College, Hyderabad

GPA: 8.3 | Graduation: 2025

**Senior Secondary (XII)** – Narayana Junior College, Tirupati | GPA: 9.66

## EXPERIENCE

**Full Stack Web Development Intern** – Unified Mentor

Feb 2025 – Apr 2025

- Developed scalable full-stack applications using React.js and Node.js
- Integrated REST APIs and deployed solutions on cloud platforms
- Collaborated with cross-functional teams in Agile environments

**Frontend Developer** – Freelance/ Self Placed

Jan 2024 – Feb 2025

- Built responsive UIs using React.js and optimized for performance
- Developed backend services with Node.js and MongoDB
- Focused on user-centric design and maintainability

**AI-ML Intern** – IBM SkillsBuild (CSR BOX)

Jun 2024 – Jul 2024

- Designed ML models using Python and IBM Watson Studio
- Worked on test-driven development pipelines and cloud-hosted APIs

**AI-ML Intern** – AWS (EduSkills)

Sep 2023 – Nov 2023

- Built microservice architectures and RESTful APIs
- Delivered cloud-native applications following DevOps practices

## PROJECTS

**LearnByDoing** – React.js, Node.js, MongoDB

Built a full-stack learning platform with user authentication, role-based routing, and modular backend for scalability.

**Kidney Stone Detection** – Python, Scikit-learn, IBM Watson Studio

Trained and deployed an ML model for real-time kidney stone prediction using clinical data on cloud-hosted pipelines.

**Water Quality Monitoring** – Python, IBM Cloud

Implemented real-time anomaly detection for water quality data using AI and cloud services.

**NEO Explorer** – JavaScript, NASA API, HTML, CSS

Developed a 3D web interface for tracking near-Earth objects with real-time NASA data and interactive visualizations.

**E-Books Library** – HTML, CSS, JavaScript, REST APIs

Designed a responsive digital library for educational content with search and category-based access.

## TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, HTML, CSS

Frameworks/Libraries: React.js, Node.js, Express

Databases: MySQL, MongoDB, SQL

Cloud & DevOps: AWS, IBM Cloud, Firebase

Tools & Concepts: REST APIs, JSON, Git, GitHub, Power BI, Agile, SDLC