

CHIRRAGONI PRASANNA KUMAR

+91-9010617565 | prasannakumar6672@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Computer Science (AI & ML) undergraduate with hands-on experience building full-stack web applications using React.js, Node.js, Express.js, MongoDB, Firebase, and modern development tools. Experienced in developing web solutions, integrating AI-powered features, and working with REST APIs through internships and real-world projects. Passionate about software engineering, problem-solving, and applying emerging technologies to solve real-world challenges.

CORE SKILLS & EXPERTISE

Languages: C, Python, Java, JavaScript

Frontend: React.js, Next.js, HTML, CSS

Backend: Node.js, Express.js (REST APIs, Middleware, MVC Architecture)

Database: MongoDB, MySQL, Firebase

AI/ML: TensorFlow, Roboflow API

Tools: Git, GitHub, VS Code, Cloudinary.

PROFESSIONAL EXPERIENCE

React & Firebase Developer Intern

May 2026 – Present

EVoRES Technologies LLP

- Developed responsive web applications using React.js, improving user experience and interface performance.
- Integrated Firebase Authentication for secure user login and registration.
- Implemented Firestore database operations for real-time data storage and retrieval.

Junior AI Tools Engineer Intern

Mar 2026 – May 2026

CS Tech Solution (Aeccentric)

- Assisted in developing AI-powered tools to automate business workflows and improve productivity.
- Worked with Python and AI APIs to integrate intelligent features into web applications.
- Gained hands-on experience with prompt engineering, automation tools, and modern AI technologies.

PROJECTS

AI-Powered Road Damage Detection & Smart Civic Complaint System

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Multer, Cloudinary, Roboflow API

- Built full-stack complaint management system with role-based JWT authentication (Citizen & Officials).
- Integrated Roboflow pretrained API to detect potholes, cracks, and erosion with severity scoring.
- Designed RESTful backend architecture with MongoDB schema and complaint lifecycle tracking.
- Developed secure image upload pipeline using Multer and Cloudinary cloud storage.

Vital Agent – AI Health Risk Prediction System

Tech Stack: Python, TensorFlow (LSTM), REST APIs, Gemini API

- Developed AI-based health risk prediction system using TensorFlow LSTM on 7-day sequential vitals data.
- Generated probabilistic risk scores (0-1) and integrated trained model (.h5) into backend for real-time inference.
- Implemented threshold-based alert mechanism and Gemini API integration for personalized health recommendations.

EDUCATION

CMR Technical Campus, Hyderabad

2023-2027

B. Tech in Computer Science and Engineering (AI&ML) | CGPA: 8.24

CERTIFICATIONS & WORKSHOPS

- AWS Academy Data Engineering
- AI for Everyone - Coursera
- Responsive web design – freecodecamp
- Tata GenAI Powered Data Analytics – Forge
- Agentforce Specialist Certification-Salesforce

ACHIEVEMENTS

- Tech Lead – NeuraX Hackathon 2026; built and maintained the event website.
- First Prize – AutoExpo 2025 for innovative engineering project presentation.
- Contributor in Guinness World Record-recognized Agentathon 2025 (Malla Reddy University).
- Participated in multiple national-level AI and software development hackathons.

INTERESTS

- Applying AI and Machine Learning to real-world challenges and exploring emerging AI frameworks and tools.