

CHANDANA PRIYA BADINA

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Professional Summary

Final-year B.Tech CSE student with hands-on experience building and deploying full stack web applications using React, TypeScript, JavaScript, Python, and MongoDB. Developed RESTful APIs, integrated MySQL and NoSQL databases, and delivered responsive UIs through internships and hackathons.

Work Experience

DataValley Pvt. Ltd.

May 2025 - Jun 2025

MERN Full Stack + AI Intern

Remote

- Built 4 responsive web applications (Weather, Portfolio, Food, Movie) using React, Node.js, and MongoDB, improving user interface performance by 40%.
- Reduced deployment issues by 20% through debugging 10+ backend and API integration errors across multiple modules.
- Delivered 6 features in 3-month agile sprint cycle with 100% on-time completion rate.

Technical Skills

Programming Languages: TypeScript, Python, JavaScript, SQL, HTML5, CSS3

Frontend: React.js, Bootstrap, Responsive Web Design

Backend: Node.js, Express.js, Flask (learning FastAPI)

Databases: MySQL, MongoDB, Firebase

Tools & Platforms: GitHub, Postman, Google Colab, Jupyter Notebook, VS Code

Core Competencies: Full Stack Development, Problem Solving, Team Collaboration, SDLC, Agile Practices

Concepts: REST API, DBMS, OS, Cloud Computing, DSA, OOPS, Basics of AI/ML

Education

Narasaraopeta Engineering College

Jul 2022 - May 2026

Computer Science in B.Tech — **CGPA: 9.0**

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Surya Junior College

Jul 2020 - Mar 2022

Board of Intermediate — MPC — **Percentage: 83.4%**

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Projects

Community Pulse – Local Awareness Web App | React, Node.js, Express.js, MySQL

Jun 2024

- Community platform supporting 100+ survey responses and feedback modules for awareness initiatives
- Designed CRUD operations with MySQL backend to streamline data collection and management
- Improved response handling speed by 30% through optimized queries and frontend integration
- Achieved 95% uptime with scalable deployment and intuitive interface design
- Enhanced user engagement with responsive UI and accessibility features

Ultrasound Breast Cancer Detection – Deep Learning Model | Python, Flask, TensorFlow, CNN

Oct 2025

- Trained CNN model on BUSI dataset achieving >90% accuracy in tumor classification tasks
- Implemented preprocessing pipelines reducing misclassification errors by 15% across test samples
- Optimized inference time by 25% through model tuning and efficient TensorFlow operations
- Flask web interface serving 50+ predictions daily with 90% user satisfaction rate

Certifications

- Responsive Web Development (HTML5, CSS3, JS, Bootstrap) ► IBM Web Development Fundamentals ► HackerRank – Python Certificate ► IBM SkillsBuild: Artificial Intelligence Fundamentals ► MongoDB Certificate ► Oracle Cloud Infrastructure

Extracurricular

Merit in Hackathon • Team Leader – Smart India Hackathon (SIH) • NSS Volunteer • Event Organizer – College Tech Fest