Badri Keerthana

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Summary

CSE student skilled in web development, ML fundamentals, data structures, and database management. Built end-to-end projects including a MERN Student Management System, portfolio website, and an Infosys ML earthquake predictor. Proficient in Python, React, and SQL, with strong problem-solving and clean-code focus.

Education

Chaitanya Bharathi Institute of Technology — Hyderabad
Bachelor of Technology in Computer Science and Engineering — *2023 – 2027*
Aggregate: 9.48

Skills

Programming Languages: Python, Data Structures, Java

Python Libraries: NumPy, Pandas, Matplotlib

Web Development: HTML, CSS, JavaScript, ReactJS

Database Management: SQL - MySQL, MongoDB

Machine Learning (Basic): Data cleaning preprocessing, EDA, basic ML models (LR, DT, RF), and model evaluation

Cloud Computing Basics: Basic knowledge of compute, storage, networking, and familiarity with IaaS, PaaS, SaaS plus beginner-level Azure/AWS navigation.

Soft Skills: Leadership, Problem-Solving, Teamwork, Time Management, Decision-Making, Communication

Work Experience

Infosys Springboard — Remote
Machine Learning Intern — *October 2025 – November 2025*
Built the ImpactSense Earthquake-Impact Prediction system using the Kaggle dataset, including data preprocessing, feature engineering, and training ML models (LR, DT, RF, GB). Evaluated performance with standard metrics and generated explainability outputs such as feature importance and SHAP visualizations.

GitHub / Demo: `https://github.com/springboardmentor3847a-cloud/ImpactSense-Earthquake-Impact-Prediction/tree/Keerthana-branch`

Projects

Student Management System: Built a full-stack MERN application with CRUD functionality to manage student records, featuring a responsive UI, RESTful API integration, and MongoDB database support for efficient data handling.
GitHub / Demo: `https://student-nu-topaz.vercel.app/`

Online Portfolio Website: Developed a fully responsive personal portfolio website featuring an interactive UI, smooth navigation, and organized sections for skills, projects, and achievements..

Mood Diary (MERN Stack): Designed and developed a full-stack Mood Diary application enabling users to log daily moods, write diary entries, and view past logs. Implemented interactive UI components in React, and backend APIs using Node.js and Express with MongoDB as the database.
GitHub / Demo: `https://mood-diary-r1jw.vercel.app/`

Certifications

Programming in Java: Swayam NPTEL | Completed in October 2024

Python(5-Star): Hacker Rank(2023)

SQL (Basic): Hacker Rank

Web Development: Coursera (2024)