Raghava B

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Education

J.S.S. Academy of Technical Education (Bengaluru, India)	**CGPA: 8.3**
Bachelor of Engineering in Computer Science (AI & ML)	*2022–2026*
Swargarani School (Bengaluru, India)	**84%**
10th ICSE	*2010–2020*

Experience

SoftServe Global — **Bangalore, India**
Software Developer Intern — *Feb 2025 – Apr 2025*
○ Contributed to the People XP (HRMS) platform by building a subpage module; developed UI components in React and debugged or extended existing backend API logic.
○ Independently developed the profile page for the Timesheets system; implemented new endpoints using Node.js and Express to fetch and update employee data and profile pictures.
○ Enabled seamless employee data editing with full-stack integration via MongoDB, REST APIs, and dynamic React UI.
○ Gained hands-on experience with production-scale MERN stack workflows and Agile development cycles.

CodeAlpha — **Bangalore, India**
Virtual ML Intern — *Mar 2024*
○ Built ML models for credit scoring, disease prediction, and digit recognition with test accuracy up to 92%.
○ Streamlined training pipelines with automated preprocessing, reducing model training time by 30%.

Projects

Profile Management System:
○ Developed a full-stack app for managing user profiles and document uploads with CRUD functionality.
○ Simulated 50+ document transactions to validate data integrity and backend performance.
○ Built responsive UIs with Material UI and MUI DataGrid Pro; ensured sub-200ms render times.

WhatUp-Bot:
○ Created a chat and diary app that tags user inputs with one of 7 sentiment classes via a custom ML model.
○ Achieved 90% consistency in sentiment tagging on 100+ test samples.
○ Built Flask backend API for near real-time text processing with sub-500ms response.

HealthMachina:
○ Developed a web-based predictive maintenance tool using Python (46%), HTML (41%), and CSS (13%), integrating a RandomForest model with Flask to predict machinery failures.
○ Achieved 98% accuracy in model testing using scikit-learn; enabled real-time failure prediction based on user input of machine conditions.
○ Designed a responsive front end and implemented seamless model-to-UI integration, showcasing full-stack ML deployment capabilities for industrial applications.

Swaast:
○ Designed a healthcare dashboard with modules for medication tracking, emergency alerts, and doctor access.
○ Focused on accessibility and responsive design principles inspired by Material Design standards.

Technical Skills

Languages: Python, Java, C, C++, SQL, No SQL(mongoDB), HTML/CSS, JavaScript, TypeScript

Libraries/Frameworks: TensorFlow, Keras, scikit-learn, NLTK, Flask, MERN, Material UI, MUI DataGrid Pro

Tools: Git, VS Code, PyCharm, Jupyter Notebook, google colab, MongoDB Atlas

Soft Skills: Team Leadership, Agile Development, Communication, Problem-Solving

Certifications

Jan 2024: **Google Crash Course on Python** — Coursera
Nov 2024: **Supervised ML: Regression & Classification** — Deeplearning.ai (Coursera)