Prathyush Reddy Soudu

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Summary

Computer Engineering graduate specializing in **AI/ML, Web Development, and Cloud Computing**. Built **scalable web applications and ML platforms**, including a **final-year Disease Prediction Platform** achieving 92%+ prediction accuracy. Proficient in **Python, JavaScript, React.js, Flask, TensorFlow, PyTorch, Hugging Face, OpenAI, GCP**. Seeking an **entry-level Software Engineer or AI/ML role** to apply skills in real-world projects and deliver impactful solutions.

Education

B.Tech, Computer Engineering (AI & ML)   Presidency University, Bengaluru (2020–2024)
CGPA: 7.09/10
Key Coursework: Machine Learning, Cloud Computing, Data Structures & Algorithms
Capstone: Final-Year Project — Disease Prediction Platform

XII (MPC)   Sri Chaitanya Jr. College, Vijayawada (2018–2020)
Marks: 9.54/10

X (SSC)   Sarvagna E.M. High School, Andhra Pradesh (2016–2017)
CGPA: 9.3/10

Technical Skills

- **Programming:** Python, JavaScript (ES6+)
- **Web Development:** HTML5, CSS3, React.js, Node.js, Express.js, Flask, REST APIs, Vercel
- **AI/ML:** TensorFlow, PyTorch, Scikit-learn, NLP, Computer Vision, Hugging Face, OpenAI, OCR
- **Databases:** MySQL, MongoDB
- **Cloud & Deployment:** GCP fundamentals, Docker
- **Tools:** Git, GitHub, VS Code, Jupyter Notebook, Anaconda
- **Core CS:** Data Structures & Algorithms, OOP, Agile Scrum Fundamentals

Certifications

- **Google Cloud Digital Leader** – Google Cloud
- **The Web Developer Bootcamp 2025** – Udemy
- **Complete Python Bootcamp** – Udemy

Projects

- **Disease Prediction Platform (Final Year):** Predicts diseases with **92%+ accuracy** using Python, Flask, React, and ML models. Includes dashboards and real-time predictions. (View)
- **Plagiarism Checker & PDF Modifier:** Detects plagiarized text in PDFs, rewrites content using NLP, and generates clean PDFs, reducing content editing time by 80%. (View)
- **Job Alert Web & Mobile App:** Tracks fresher jobs from selected companies, filters openings, and sends real-time notifications with direct links. (View)
- **Sudoku Image Solver:** Extracts numbers from Sudoku images, solves puzzles using backtracking, and returns solved images. (View)

Achievements

- Led a 3-member team to successfully deliver the **Final-Year Disease Prediction Platform**.
- Solved **100+ LeetCode problems**, strengthening algorithms and problem-solving skills.
- Completed certifications in **Cloud, Web Development, and Python**.
- Built multiple projects combining **AI/ML and Web technologies** with measurable impact.