

NAVYA A


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SUMMARY

Computer Science and Engineering student passionate about AI, Machine Learning, and DevOps. Experienced in AI-driven applications, including healthcare chat-bots, fraud detection, and debugging automation. Hands-on experience with various programming languages, frameworks, and open-source contributions.

EDUCATION

Channabasaveshwara Institute of Technology, Gubbi, Tumkur, Karnataka

Bachelor of Engineering, Computer Science – 8.72 CGPA  2022-2026

Sapthagiri PU College, Tumkur, Karnataka

PCMB - 92%  2020-2022

Nalanda Convent and High School, Tumkur, Karnataka

93%  2020

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, HTML, CSS, JavaScript, SQL
- **Frameworks & Tools:** Flask, Git & GitHub.
- **Domains:** Data Structures & Algorithms, AI & Machine Learning, DevOps, Cloud
- **Languages:** English, Kannada

PROJECTS

1. Open Stack & Open Source Contributions

Currently working on OpenStack and an open-source project, contributing to code modifications, issue resolution, and feature enhancements using Git and GitHub.

2. Healthcare Chat-bot for Disease Diagnosis

Building an AI-powered healthcare chat bot that uses Decision Trees and Support Vector Machines (SVM) to diagnose diseases based on user-reported symptoms.

3. Fraud Detection Model

Built a banking fraud detection system using K-means clustering, Isolation Forest & DBSCAN. Performed data cleaning and feature scaling and anomaly detection.

4. AI-Powered Debugging Tool

Developed an AI-driven debugging tool that automatically detects, explains, and fixes code errors. Integrated machine learning models (LLMs, AST-based analysis) to provide context-aware bug detection.

EXPERIENCE & ACHIEVEMENTS

Hackathons & Challenges:

Reverse Coding Challenge & Quest of Kingdom – ISTE, P.E.S Mandya

IEEE Cryptic 3.0 Hackathon – Atria, Bangalore

National-Level Hackathon – AMC, Bangalore

TRAINING & CERTIFICATIONS

- **Coursera:** Google IT Support, Google Cyber-security
- **Udemy:** Master Python by Building 100 Projects in 100 Days
- **Great Learning:** OOPs with Java