

# Prajwal S Hangaragi

B.Tech – Computer Science & Engineering (AI & ML)

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## Profile

Computer Science undergraduate specializing in Computer Science Engineering in AI & ML, with hands-on experience building web-based developer tools, integrating automation pipelines, and deploying full-stack applications. Strong interest in backend systems, intelligent tooling, and scalable software solutions.

## Technical Skills

Python   FastAPI   Java   HTML   CSS   JavaScript   Git & GitHub   GitHub Actions (CI/CD)   Static Code Analysis

AI-Assisted Development   Machine Learning Fundamentals   Prompt Engineering   Deployment & Cloud Basics

## Projects

### Python Code Review Tool (Web Application)

Backend · JavaScript · GitHub Actions · Deployment · Full-stack

- Designed and built a **static code analysis tool** that detects unused variables, long functions, and poor coding practices using rule-based logic and Python AST.
- Developed a clean **web interface** allowing users to analyze pasted code or uploaded Python files in real time.
- Integrated **GitHub Actions** to automatically review Python code during pull requests, simulating real-world CI workflows.
- Deployed the application as a **public website**, with plans to extend it by deploying additional developer-focused web tools.

- <https://prash-2402.github.io/code-review-tool/>

## **Education**

### **B.Tech in Computer Science & Engineering (AI & ML)**

Christ University, Bangalore (Kengeri Campus)

2024 – 2028

## **Interests**

Backend Engineering · Intelligent Developer Tools · Applied AI Systems · Automation · Scalable Web Applications