FENAZ

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Aspiration

Enthusiastic Computer Science student seeking an opportunity to apply software development skills in a dynamic environment. Passionate about building innovative solutions and eager to contribute to impactful projects

Education

Bachelor of Engineering in Computer Science and Engineering   **2022–2026**
PES College of Engineering, Mandya(Autonomous Institution affiliated to VTU, Belagavi)
CGPA - 8.37

Technical Skills

Programming Languages: Java, C, C++, HTML, CSS, MySQL, Python

Developer Tools: VS Code, Canva, Figma, ChatGPT

Projects

Library Management System | *Java with JSP, HTML, CSS, JavaScript, MySQL*

- Designed and implemented a web application to efficiently manage book borrowing, returns, and user authentication processes
- Ensured data integrity through robust backend validation and database management techniques
- Integrated secure authentication mechanisms to manage user roles and access control effectively
- Enhanced user experience by creating a clean, intuitive, and responsive interface for seamless navigation and access

Educational Learning Platform | *Java with JSP, HTML, CSS, JavaScript, MySQL*

- Built a cross-platform app combining video, quiz, and project-based learning with real-time collaboration
- Integrated gamification elements to enhance user engagement through rewards and progress tracking
- Implemented JWT-based user authentication with role-based access control for secure access to platform features
- Designed a clean and responsive UI for seamless navigation and accessibility across devices

Rice Pest Prediction System | *Python, PyTorch, Gradio, ResNet18, YOLOv8*

- Developed a rice pest prediction system using ResNet18 and YOLOv8 deep learning models
- Applied Grad-CAM to highlight image regions influencing model predictions for explainability
- Used Gradio to create an interactive web interface for real-time image-based pest prediction
- Achieved high accuracy (97%) through effective preprocessing, model training, and testing

Key Achievements and Certifications

VEDHA - VVCE EdTech Hackathon
Conducted by: Vidyavardhaka College of Engineering, Mysuru

- Instrumental in building a collaborative project that was selected for a hybrid hackathon and advanced to the 8-hour final round, showcasing innovation and strong execution
- Developed an interactive Educational Learning Platform that integrates personalized learning, gamified quizzes, and collaborative project features to enhance student engagement and knowledge retention

Eduskills - AI/ML Virtual Internship

- Gained hands-on exposure to real-world applications of Artificial Intelligence and Machine Learning through guided projects and curated learning modules

Infosys Springboard - Basics of Python Certification

- Completed a foundational certification in Python programming from Infosys Springboard

Infosys Springboard – Java Foundation Certification

- Certified in Java Foundation by Infosys Springboard, covering essential Java programming principles