

# FENAZ

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## Aspiration

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Computer Science student looking for an opportunity to use my software development skills in a practical work environment. I am eager to learn, build useful solutions, and contribute to real projects

## Education

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### Bachelor of Engineering in Computer Science and Engineering

2022–2026

*PES College of Engineering, Mandya(Autonomous Institution affiliated to VTU, Belagavi)*  
CGPA - 8.41

## Technical Skills

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**Languages & Technologies:** HTML, CSS, MySQL, JavaScript, SpringBoot, Java, C, C++, Python

**Developer Tools:** VS Code, Canva, Figma, ChatGPT, Claude

## Projects

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

- Designed and built a web app to handle book borrowing, returns, and user authentication
- Ensured reliable data handling with strong backend validation and database management
- Integrated secure login and role-based access with a responsive, user-friendly interface

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

- Developed a cross-platform learning app with video, quizzes, projects, and real-time collaboration
- Enhanced user engagement using gamification with rewards and progress tracking
- Implemented secure JWT authentication and designed a responsive, accessible user interface

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

- Built a rice pest prediction system using ResNet18 and YOLOv8
- Applied Grad-CAM for visual explainability of model predictions with ( 97%) accuracy
- Deployed an interactive Gradio interface for real-time image-based inference

### Customer Feedback Management System | *SpringBoot, HTML, CSS, MySQL*

- Built features to collect, validate, edit, and delete customer feedback for efficient management
- Added functionality to analyze feedback by calculating average ratings for actionable insights

### EduAI Voice: Multilingual Textbook Assistant | *FastAPI, React, MongoDB, Python, JavaScript, Google Gemini, Murf AI*

- Built a solution enabling different language access to textbooks with AI Q&A, PDF processing and voice synthesis
- Implemented semantic search with vector embeddings for quick content retrieval
- Built a full-stack app using React, FastAPI, MongoDB, and API integrations

## Key Achievements and Certifications

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### VEDHA - VVCE EdTech Hackathon

*Conducted by: Vidyavardhaka College of Engineering, Mysuru*

- Built a collaborative project that reached the final round of a hybrid hackathon
- Developed an educational platform with personalized learning, quizzes, and team projects

### Deloitte - Data Analytics Job Simulation

- Created interactive dashboards in Tableau to analyze factory and machine downtimes using real-world telemetry data

### Infosys Springboard - Java Foundation Certification

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