

RAJANI

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<https://rajanishetty18.github.io/personalportfolio>

Professional Summary

Computer Science Engineering student with strong logical reasoning, analytical thinking, and communication skills. Hands-on experience in web development and understanding of application development lifecycle. Eager to learn, solve problems, and contribute in collaborative environments.

Education

SMVITM Bantakal, VTU University, Karnataka

Bachelor of Engineering in Computer Science and Engineering

(Sep 2021 - Jul 2025)

CGPA: 8.8

Viveka PU College, Kota, Karnataka

Karnataka PU Board

(Jun 2019 - Jul 2021)

Percentage: 96

Viveka English Medium High School, Kota

Karnataka Board of Secondary Education

(Jan 2017 - Apr 2019)

Percentage: 93.1

Experience

Web Developer Intern | Quantum Learning | Nov 2024 – Apr 2025 | Bangalore

- Developed and enhanced features for an online food ordering web application using Node.js, Express.js, MySQL, HTML, CSS, JavaScript.
- Implemented secure login & registration using bcrypt password hashing and JWT authentication.
- Designed and optimized the UI with a modern, responsive layout ensuring smooth user experience.
- Created APIs for order placement, order retrieval, customer details, and admin operations.
- Worked with MySQL to manage real-time data like orders, users, and table numbers.

Web Developer Intern | Udupi Web Solutions | Jun 2023 – Sep 2023 | Udupi

- Created user interface pages using HTML and CSS based on given designs.
- Ensured mobile responsiveness and clarity in layout.
- Worked closely with senior team members and improved code readability.

Projects

Diabetic Retinopathy Detection System

(Oct 2024 – Feb 2025)

- Developed a medical image-based classification system using Deep Learning and ResNet50 to detect diabetic retinopathy.
- Processed the Kaggle retinal dataset and trained a CNN achieving 85%+ accuracy.
- Built a web interface using Flask, HTML, CSS enabling users to upload images and view real-time predictions.
- Led the project as team leader—assigned tasks, coordinated work, and managed communication between team members.
- Tech Stack: Python, TensorFlow, ResNet50, Flask, HTML, CSS

Android Battery Saver System

- Built an Android app using Java to monitor battery percentage and charging state.
- Added an alarm while charging to alert users when the battery reaches a high level (like 80–90%) to prevent overcharging.
- Used Broadcast Receivers and Services for real-time battery updates.
- Tech Stack: Java, Android Studio, Broadcast Receivers

Technical Skills and Interests

- Languages:** C, Python
- Web Technologies:** HTML5, CSS3, Responsive Web Design
- Database and Tools:** SQL, GitHub
- Other Skills:** Logical Thinking, Teamwork, Communication

Certifications & Training

Pre-Training Program Revature (Apr 2025 – Jun 2025)

Interview Preparation Meta (Coursera)