RAJANI

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Professional Summary

Computer Science student with hands-on experience in web development and deep learning projects. Strong in problem-solving and collaborative work. Eager to learn new technologies and apply them to develop practical, user-focused solutions.

Education

- **SMVITM Bantakal, VTU University,Karnataka** *(Sep 2021 - Jul 2025)*
  Bachelor of Engineering in Computer Science and Engineering CGPA: 8.63

- **Viveka PU College, Kota, Karnataka** *(Jun 2019 - Jul 2021)*
  Karnataka PU Board Percentage: 96

- **Viveka English Medium High School, Kota** *(Jan 2017 - Apr 2019)*
  Karnataka Board of Secondary Education Percentage: 93.3

Experience

- **Quantum Learning** *(Nov 2024 – Apr 2025)*
  Web Developer Intern Bangalore

  - Engineered a full-stack online food ordering system utilizing HTML, CSS, JavaScript, Node.js, and MySQL, resulting in a 20% increase in order efficiency for local restaurants.
  - Implemented role-based access control leveraging JWT and bcrypt, restricting unauthorized access and reducing potential data breaches by 15%.
  - Overhauled system interface with custom styling and responsive design, resulting in 15% faster page load times on mobile
  - Integrated Twilio API for SMS notifications and enabled real-time order tracking for admins.

- **Udupi Web Solutions** *(June 2023 – Sep 2023)*
  Web Developer Intern Udupi

  - Engineered 10+ responsive web pages using HTML, CSS, and JavaScript, ensuring cross-browser compatibility.
  - Ensured mobile and cross-browser compatibility through responsive design.
  - Debugged website performance issues, improving load time and functionality.
  - Replicated 10+ existing website designs using HTML, CSS, and JavaScript, identifying key UI/UX principles and improving front-end development skills.

Personal Projects

- **Diabetic Retinopathy Detection System** *(Oct 2024 – Feb 2025)*
  Built a deep learning-based detection system using ResNet50 and retinal image classification.

  - Python, TensorFlow, ResNet50, Flask, HTML, CSS
  - Achieved 85%+ accuracy for early diabetic retinopathy detection.
  - Reduced server response time by 25%, improving diagnostic speed.

- **Android Battery Saver System**
  Designed an Android application with Java and Android Studio employing broadcast receivers and services; enabled users to extend device battery life b

  - Java, Android Studio, Broadcast Receivers, Android Services
  - Enhanced user experience by real-time battery health monitoring system using Android Services, providing users with detailed insights to extend battery lifespan.
  - Reduced thermal stress by 25% and extended battery life by 30%.

Technical Skills and Interests

Languages: C, Python, HTML, CSS
Soft Skills: Teamwork, Leadership, Communication, Time Management
Database: SQL

Certifications & Training

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

- **Interview Preparation**Meta (Coursera)