

AVINASH K

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GitHub : <https://github.com/Avinash-kdb>

OBJECTIVE

Enthusiastic and results-driven Full Stack Developer with hands-on experience in HTML, CSS, JavaScript, GitHub, Python, and Django. Seeking a challenging role to develop robust web applications, contribute to both front-end and back-end development, and grow within a collaborative tech environment.

EDUCATION

Bachelor of Science in Computer Science

College of applied science chelakkara(IHRD)

CGPA: 6.0

June 2021 - April 2024

Skills

- **Technical Skill :** Html ,Css, Javascript, Python, Django, Figma, GitHub
- **Softwares :** VS Code, Figma, Python IDLE, MS Powerpoint, Microsoft xl, Microsoft word
- **Soft Skills :** Problem Solving, Communication, Collaboration, Adaptability, Critical Thinking, Teamwork

CERTIFICATES

- Python Development
- Training on TCS

EXPERIENCE

Junior Full Stack Developer at Deep Digits Pvt. Ltd

Jan 2025 – July 2025

- Developed full-stack web applications using Python, Django, React, REST API, HTML, CSS, JavaScript, and AJAX, deployed on PythonAnywhere, also created wireframes and UI designs using Figma.

PROJECTS

- **Concession Card Management System:** Developed a web-based platform to streamline the student concession card approval process involving three key roles: Admin, Principal, and RTO (Regional Transport Officer). The Admin can approve and manage RTO accounts, the Principal submits student concession requests to the RTO, and the RTO has authority to review and approve or reject concession applications. The system ensures secure role-based access, real-time request tracking, and a simplified workflow for student travel concessions, Technologies Used: HTML, CSS, JavaScript, Python, Django, GitHub.
- **Spice Auction Platform:** Built a digital auction system specifically designed for spice trading, allowing farmers, traders, and administrators to interact through a secure online platform. Farmers can list their spice products for auction, traders can place competitive bids, and the admin manages user authentication and oversees auction activities. The system ensures transparency, real-time bidding updates, and efficient auction closure, aiming to empower local spice producers with better market access, Technologies Used: HTML, CSS, JavaScript, Python, Django, GitHub.

- **Soil Analysis Using ML:** Developed *TERRA SCAN*, a system using Machine Learning (ML) and Convolutional Neural Networks (CNN) to assess soil health and predict degradation. It analyzes chemical and physical soil properties, classifies soil health, and detects erosion and nutrient loss from image data. The solution empowers farmers and policymakers with insights for sustainable soil management, helping mitigate degradation and improve agricultural productivity through a scalable, data-driven approach.