PREETIKA K

Full Stack Developer
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Full Stack Developer passionate about crafting seamless, high-performance web applications. Eager to innovate, learn rapidly, and turn ideas into functional digital products. Proficient in modern frontend and backend technologies with a focus on clean, maintainable code.

INTERNSHIPS AND PARTICIPATIONS

- UI/UX Internship at CodSoft.
- Web Development Internship, Codebind Technologies – Coimbatore.
- Attended Paper Presentation on Blockchain Technology at Karpagam College of Engineering- Coimbatore.
- Attended Workshop on Intro to Software Development at NIT – Trichy.

EDUCATION

SNS COLLLEGE OF TECHNOLOGY | B.E CSE | CGPA:8.24 2022-2026
Saradha Vidhyalaya Matriculation Higher Secondary School | HSC | 87% 2022

PROJECTS

Hospital Waiting Time Monitoring System

- Built a real-time web-based system to track and display hospital patient waiting times.
- Integrated with patient registration data and dynamically updated queue status.
- Designed a user-friendly interface for patients and staff to view estimated wait times.
- Implemented features such as real-time synchronization, notifications, and analytics.

Monitoring of Pesticides in fruits and vegetables

- Designed and implemented a system to detect pesticide residues in fresh produce.
- Utilized chemical and sensor-based analysis to identify harmful contaminants.
- Incorporated real-time monitoring with potential IoT integration.
- Focused on enhancing consumer health and promoting safe agricultural practices.

SKILLS

- **Languages:** Python, HTML, CSS, Bootstrap
- **Tools & Software:** VS Code, Canva, Figma, AI Tools, MS Office
- **Version Control:** GitHub
- **UX Design Skills:** Wireframing, Prototyping, Usability Testing
- **Linguistic Skills:** English(R/W/S), Tamil(R/W/S)

CERTFICATES

- Fundamentals of Azure AI services: Microsoft
- Generative AI Foundations: AWS
- Generative AI Fundamentals: Databricks
- Python Course: Prep Insta