Dineshkumar K

Pre-Final Year IT Student Aspiring Mern-Stack Developer
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Objective

"Pre-final year Information Technology student with a passion for full-stack development and web application design. Skilled in crafting creative and efficient solutions with a strong foundation in programming and database management. Highly motivated to apply problem- solving and collaboration skills to real-world challenges, contribute to innovative projects, and continuously grow in the dynamic tech industry."

Education

M.Kumarasamy College of Engineering — Karur,TamilNadu,India
Degree in B.Tech — August 2022 - Present

Bharani Vidhyalaya Sr Sec School — Karur,TamilNadu,India
Higher Secondary — June 2021 - July 2022

Bharani Park Matric Hr.Sec.School — Karur,TamilNadu,India
Secondary School — June 2019 - June 2020

Skills

- Python.
- HTML, CSS, JavaScript.
- VS Code, GitHub, Canva, Figma.MySQL.
- Time Management
- Communication
- Team Collaboration
- Teamwork

Experience

Full-Stack Web Developer – Freelance(2023-2024)

I worked as a Software Developer Intern at XYZ Tech Solutions from January 2024 to May 2024, where I developed a responsive web application for appointment booking using HTML, CSS, JavaScript, and PHP. I integrated a MySQL database to handle user data and implemented secure login functionality. Additionally, I optimized backend SQL queries to improve performance, which reduced page load time by 40%.

Projects / Open-Source

- E-Ration Web Application | Link — HTML,CSS,JavaScript,PHP,MySQL

  This project aims to solve the problem in the traditional ration distribution system by digitizing the process, ensuring transparency and accessibility for all users. Digitized ration management to prevent fraud and ensure accurate distribution of supplies. Integrated user authentication and real-time updates for easy tracking of ration availability. Designed a user- friendly interface for both user and administrators, making it accessible to users from various backgrounds

Brain Stroke Prediction Using Machine learning technique | Link Python,HTML,CSS,JavaScript

This project aims to solve the problem of early detection of brain strokes by creating a predictive system that assists in identifying high-risk individuals. Built a machine learning model using algorithms like Decision Tree, Naive Bayes, and Arti ficial Neural Networks (ANN) for accurate stroke prediction. A web interface to collect user inputs such as age, gender, hypertension, heart disease, and lifestyle factors to predict stroke risks. Enhanced user engagement with a creative and responsive design featuring animations and transitions.

Certifications

- Programming in Java – NPTEL (2023)
- Introduction to Industry 4.0 and Industrial Internet of Things – NPTEL (2024)
- Front End Development-CSS - Great Learning (2024)
- Web Development – RINEX (2024)
- JavaScript Essential 1 – Cisco Networking Academy (2025)
- Sql and Relational Database - Cognitive Class.ai (2024)

Honors & Awards

- Best Student of the Month.
- Won the Overall Achievement award in a symposium held at Muthayammal College.
- Won first place in coding competition at Astranova 2k24, Coimbatore Institute of Technology.
- Secured second place in a project presentation held at Kongu Engineering college.

Declaration

I, hereby declare that the above furnished information is true to the best of my knowledge and belief.

Place: Karur **(Dineshkumar K)**
Date:11/02/2025