NAVEENRAJ K

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OBJECTIVE

To pursue a job opportunity in a competitive environment that will challenge me to push my boundaries and expand my knowledge in the field of computer science while allowing me to add value to the dynamics of the company.

EDUCATION

Sathyabama Institute of Science and Technology, Chennai   **2022-2026**

B.E. Computer Science   CGPA: 7.52

Relevant Coursework: Web Development, Data Structures, DBMS, Software Development Life cycle
Extracurricular activities: Vice President - UAVDROBOTICS CLUB, Tech Team Member - TEDXSIST

SKILLS

Programming Languages: Java, Python, C++ , Javascript, Dart
Cloud: MongoDB, Firebase
Technologies & Tools: Flutter, Node JS, Linux, Git, Docker, Ms Office, PowerBI, Drones
Design Tools: Photoshop, Figma, Premier pro, Blender(Basic Proficiency)
Soft Skills: Leadership, Problem Solving, Communication, Team Collaboration
Languages: English (Fluent), Tamil (Native)

EXPERIENCE

Product Intern, HCL Tech   Jul 2024 - Oct 2024

Chennai, IN

Finance web application was developed using Node.js, React.js, and REST APIs to provide secure data handling, real-time transaction processing, and efficient data flow between services. Automated workflows such as payment processing, reporting, and user account management improved operational efficiency. Alongside, he proposed and implemented process enhancements, which optimized data handling mechanisms, escalated system scalability, while ensuring compliance with the financial standards.

PROJECTS

Stock Quotation Application (Flutter, Dart)

A stock market quotation app built using Flutter. It integrates live stock market APIs to provide real-time stock price updates, historical data, and market trends. The app features an intuitive UI/UX, supports dark mode, and includes interactive charts for visualizing stock performance and Firebase for authentication and cloud storage.

TEDxSIST Website (MERN Stack)

Designed and developed the TEDxSIST website using Next.js, Tailwind CSS, and Firebase for both client and admin panels, ensuring a responsive UI and efficient real-time data management. Implemented role-based access control for the admin panel, enhancing content management and security.

RESEARCH PUBLICATION

Efficient Histogram Based Background Subtraction Approach

This paper presents a novel and efficient method for background subtraction in video frames using histogram-based techniques. The approach enhances accuracy in distinguishing foreground objects from the background, reducing noise and improving processing speed. It is particularly effective for real-time applications, such as video surveillance and motion detection. Published in the IEEE Conference Proceedings, this work contributes to advancements in computer vision and image processing technologies.

CERTIFICATIONS

ADVANCED DIPLOMA IN JAVA PROGRAMMING