Aman Wasim

Mechanical Engineering Undergraduate

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Summary

Tech-enthusiastic and passionate engineering undergraduate with foundation in software development, web technologies, and data structures and algorithm. Skilled in HTML, CSS, JavaScript, React.js, Java and Python with the ability to build responsive and functional applications. Experienced in project management, task allocation, and team coordination through academic and extracurricular initiatives.

Education

National Institute of Technology, Calicut-BTech in Mechanical (2020-2025)-**CGPA:7.41 /10**

Rays Public School, Calicut-Plus two (2017-2019)-92%

Silver Hills, Calicut-SSLC (2017)-98.89%

Projects

Portfolio website (React project) { https://amanwasimk.github.io/PortFolio-Website/ }

- Developed a responsive personal portfolio website using React and Vite to showcase projects and skills.

Currency converter (https://amanwasimk.github.io/CurrencyConverter/ **)**

- Implemented dropdown menus for currency selection and **automatic country flag updates using APIs.**
- Integrated a **live currency API** to fetch real-time exchange rates.

Tic-Tac-Toe Game (https://amanwasimk.github.io/Tic-Tac-Toe/)

- Developed an interactive Tic-Tac-Toe web app with responsive design.
- Implemented turn-based gameplay, automatic win/draw detection, and game reset functionality.

Skills

Web Development: HTML, CSS, JavaScript, Basic React.js, Responsive Design, Frontend Debugging

Programming Languages: Java, Python, C (basic), familiarity with Object-Oriented Programming (OOP) concepts

Data Structures & Algorithms (DSA): Problem-solving using arrays, linked lists, stacks, queues, recursion, and sorting/searching techniques

Software Tools & Platforms: Git/GitHub (version control) and VS Code

Project & Team Skills: Project planning, task allocation, team coordination, deadline management, communication, and collaboration

Languages

English (IELTS-6.5), Malayalam(native), Basic Hindi

Additional courses

Supply Chain Management/Accounting and Finance/Machine Learning & Data Science

Extracurricular activities

Member of Humanity First, a humanitarian aid organization

Active Participation in Football, Badminton and Gym

Experience in organizing and coordinating events