ABIN ALIAS

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OBJECTIVE

Motivated and detail-oriented aspiring software developer skilled in React, Git, REST APIs, and AI/ML. Passionate about designing user-friendly, secure, and efficient interfaces using modern frameworks (MERN stack, Figma) and full-stack development. Seeking an entry-level full-stack developer role to apply skills, contribute to impactful projects, and grow expertise in frontend optimization and AI-driven solutions.

EDUCATION

B.Tech in Computer Science

College of Engineering Adoor, APJ Abdul Kalam Technological University
CGPA: 7.05/10
Coursework: Data Structures, Computer Networks, Algorithms, System Software, Compiler Design, AI/ML, Microprocessors, Distributed Computing.

Higher Secondary Education

MKM Higher Secondary School, Piravom
GPA: 9.7/10 – Computer Science specialization.

EXPERIENCE

Frontend Development Intern (MERN Stack Training)
Luminar TechnoLab | June 2025 – Present

- Learning and applying React.js to build responsive, component-driven user interfaces and optimize frontend performance by 25%.
- Utilizing version control (Git) and RESTful APIs for seamless integration.
- Collaborating with developers to strengthen frontend-backend integration using Node.js, Express.js, and MongoDB.

SKILLS

- ***Languages & Frameworks:*** *HTML, CSS, JavaScript, ES6+, React, Redux, Material UI, Python*
- ***Tools:*** *Figma, Git, Tailwind, Bootstrap, VS Code, Replit*
- ***Operating Systems:*** *Linux, Windows, Android*
- ***Soft Skills:*** *Analytical Thinking, Problem-Solving, Creativity, Team Collaboration, Communication*

PROJECTS

GADGET-CATALOG Project Description
Idea: A web application for browsing and managing a dynamic gadget catalog, targeting tech enthusiasts and shoppers.
Technologies Used:

- *Frontend*: React, React Bootstrap, Material-UI for responsive UI; Axios for API calls.
- *Backend*: JSON Server (local) for RESTful API.
- *Database*: db.json (local) for persistent storage.
- *Deployment*: Render for backend, Vercel (optional) for frontend.
- *Features*: Filter by brand/price, sort by price (ascending/descending) and brand (alphabetical/reverse).

Portfolio Website

- Designed and developed a fully responsive personal portfolio using **HTML5, CSS3, Tailwind CSS**, and modern frontend best practices.
- Implemented mobile-first design, optimized load speed by 30%, and Achieved 90+ Lighthouse scores for performance and accessibility by optimizing images, reducing CSS bloat, and using semantic HTML.
- Showcased projects, skills, and certifications with smooth navigation, contact form integration, and responsive UI across devices.
- Deployed using **Vercel** with automated Git-based CI/CD, enabling instant updates on every code push.

Text to Speech Converter
Created a web application using HTML, CSS, JavaScript, and Bootstrap for text-to-speech conversion with adjustable voice, pitch, and speed options. Added MP3 export to enhance accessibility.

POSITIONS OF RESPONSIBILITY

IEEE Activity Coordinator – IEEE Student Branch, College of Engineering Adoor
Organized 10+ workshops, boosting attendance by 30%.
NSS Media and Publicity Head – NSS, College of Engineering Adoor
Led content creation and digital outreach initiatives, enhancing engagement and visibility.