Karthik A S

Professional Summary

Aspiring Full-Stack Web Developer with expertise in React.js, Node.js, Express.js, and SQL-based databases. Passionate about building scalable web applications with seamless front-end/back-end integration. Experienced in API design, UI/UX development, and problem-solving. Strong teamwork and leadership abilities, focused on delivering performance-optimized solutions.

Technical Skills

• Languages: C, Python, Java, JavaScript

• Frontend: HTML, CSS, React.js, jQuery, Bootstrap, Tailwind CSS

• Backend: Node.js, Express.js, Solidity

• Databases: MongoDB, SQL, PostgreSQL

• Blockchain: Web3.js, Smart Contracts, Metamask

Projects & Hackathon Participation

• AIKYAM 2025 Hackathon (Mar 2025)

GitHub

Developed a full-stack sustainability tracker app in a 24-hour hackathon using **React.js**, **Node.js**, **and MongoDB**. Implemented real-time user tracking, leaderboard features, and eco-friendly habit logging. Contributed to frontend design and backend API integration.

• Bit-n-Build Hackathon (Sep 2024)

GitHub

Built a React-based inventory management tool to promote mindful consumption. Integrated local storage and usage analytics. Enabled users to categorize items and receive reminders for optimal usage cycles. Focused on sustainability and reducing consumer waste.

• ABC Hackathon - Web3 in Health Tech (Sep 2024)

GitHub

Designed a decentralized health record system using **Solidity**, **React.js**, and **Web3.js**. Enabled secure, permissioned access to patient data via Metamask integration. Led smart contract development and UI/UX design.

• CODEFURY 7.0 Hackathon (Aug 2024)

GitHub

Built a disaster response platform with real-time alert systems using external APIs. Users could locate shelters, request aid, and monitor disaster zones. Led backend development with Node.js and deployed via Render.

• Codzilla Web Designing Competition (May 2024)

🞧 GitHub

Developed a responsive web platform for animal rescue organizations to manage adoption, donations, and education content. Used Bootstrap, JavaScript, and Firebase for real-time updates. Featured event calendar and donor dashboard.

Education

- JSS Academy of Technical Education, Bengaluru (Dec 2022 Present)

 Bachelor of Engineering (B.E.) in Information Science & Engineering
- Jawahar Navodaya Vidyalaya, Chara, Udupi (2015 2022) Class 12th: 89.6%

Awards & Achievements

- Ideathon Winner JSS E-Club (July 2024)
- Hackathon Finalist & Participant CODEZILLA, CODEFURY, ABC, BIT-N-BUILD

Sports Achievements

- Kho Kho: Competed in VTU Intercollegiate tournaments (Jan & Oct 2024).
- Athletics: Participated in 1500m, 800m, and relay at state-level events.