ASWIN KRISHNA

Full Stack Developer

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PROFILE SUMMARY

A self-taught software developer with a strong passion for coding and building impactful web applications. Specialized in creating visually stunning and accessible web applications that prioritize high availability and scalability. Committed to lifelong learning and embracing new challenges, seeking continuous growth and improvement.

TECHNICAL SKILLS

- **Languages:** JavaScript, HTML, CSS, MongoDB
- **Frontend Technologies:** React.js, Redux, Tailwind CSS, Bootstrap
- **Backend Technologies:** Node.js, Express.js, Socket.io
- **Cloud & Hosting:** AWS, Firebase, Nginx, Cloudflare
- **Tools & Platforms:** Git (Version Control), Postman (API Testing & Development)
- **Concepts:** MVC Architecture, RESTful APIs, Authentication & Authorization
- **IDEs:** Visual Studio Code, Eclipse

PROJECTS

TECHTRIBE – Tech Community & Mentorship Platform   Live | GitHub | Demo

Tech-Stack: AWS EC2, AWS SES, Nginx, PM2, Cloudflare, Socket.io, Razorpay, React.js, Node.js, Express, MongoDB

Infrastructure & Security: Hosted on **AWS EC2**, optimized with **Nginx** & **PM2**, and secured with **Cloudflare**.

User Authentication: Secure login/signup with **JWT** authentication.

Real-time Chat: Implemented using **Socket.io** for seamless messaging.

Payment Integration: Integrated **Razorpay** for secure online transactions.

Email Notifications: Automated user notifications via **AWS SES**.

Responsive UI: Fully optimized for all devices using **React.js** & **Tailwind CSS**.

Shimmer UI: Enhanced **UX** with skeleton loaders for a smooth experience.

Scalability & Performance: Optimized with **Nginx**, **PM2**, and **Cloudflare** for high availability.

State Management: Used **Redux** for efficient global state management in the frontend.

RESTful APIs**:** Developed efficient and secure backend APIs using **Express**.

API Testing: Used **Postman** to test and validate **RESTful API**s for performance, security, and reliability.

EDUCATION

Bachelor of Commerce	**2022 - 2025**
Jain University, Bangalore	
CGPA: 8.4	

Plus Two (Computer Science)	
S.K.H.S.S, Palakkad	
CGPA: 7.5	

CERTIFICATIONS & BADGES

Namaste Javascript	Certificate
MongoDB Developer's Toolkit	Certificate
Postman API Fundamentals Student Expert	Badge