AKASH SURESH EK
Full Stack Developer | MERN Stack Developer

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PROFESSIONAL SUMMARY

Full Stack / MERN Developer with 1+ year experience building scalable, high-performance web applications using React, Node.js, Express, MongoDB, and TypeScript. Strong in API design, microservices, cloud deployment, and system optimization. Delivered 10+ production-ready applications improving performance by 30–40%.

TECHNICAL SKILLS

Frontend: React, Redux, Hooks, Material-UI, Responsive UI, TypeScript • **Backend:** Node.js, Express, REST APIs, JWT Auth, Microservices, API Design, MVC • **DB:** MongoDB, MySQL, Mongoose, Indexing, Query Optimization • **Tools:** Git, GitHub, Postman, Docker, AWS, CI/CD Pipelines, Jest • **Other:** JavaScript (ES6+), SQL, Web Architecture, Debugging, Problem-Solving

PROFESSIONAL EXPERIENCE

Full Stack Developer   **Jan 2025 – Dec 2025**
Studien Collage   *Kozhikode, Kerala*
- Built scalable MERN apps with responsive React UI and TypeScript components
- Developed optimized REST APIs reducing response latency by 20%
- Implemented Redux-based state management reducing re-renders by 25%
- Improved cross-browser stability and mobile responsiveness
- **Tech:** React, TypeScript, Redux, Node.js, Express, MongoDB, REST APIs

Full Stack Developer   **Aug 2024 – Dec 2024**
Senchola Technology Solutions   *Bengaluru*
- Developed full-stack systems supporting 5,000+ daily users using MERN stack
- Implemented JWT authentication reducing unauthorized access by 60%
- Integrated third-party APIs improving engagement by 35%
- Refactored legacy modules increasing maintainability by 40%
- **Tech:** React, Node.js, Express, MongoDB, JWT, Microservices, Docker

KEY PROJECTS

Cloud Billing Management System   **2025**
MERN Stack
- Developed cloud-based billing app with real-time multi-user access
- Optimized MongoDB Atlas queries for high availability
- Implemented invoice, customer, and product management modules
- **Tech:** React, Node.js, Express, MongoDB Atlas, CI/CD

RouteVue Business Billing System   **2025**
Vue.js, Node.js, MongoDB
- Built analytics, invoicing, and customer management for SMEs
- Developed PDF export + mobile-responsive UI
- Improved backend performance with 20% faster API load
- **Tech:** Vue, Node.js, Express, MongoDB, AWS

EDUCATION

Bachelor of Computer Applications   **2021 – 2024**
IHRD College of Applied Sciences   *Malappuram*
- Coursework: Data Structures, Algorithms, DBMS, OOP, Web Development

CERTIFICATIONS & INFO

Open Source Contributor • Hackathon Participant • Learning: TypeScript, Next.js, AWS, GraphQL, Docker