AKASH K V

Full Stack Developer | MERN Stack Expert | API & Data Layer Specialist

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SUMMARY

Full Stack Developer with 2+ years of experience delivering scalable, production-grade applications using MERN stack. Proven record of reducing load times, mentoring teams, and driving Agile execution. Strengths include API design, database optimization, DevOps integration, and real-time systems.

SKILLS

- **Frontend:**   React.js, Next.js (App router), Redux, Zustand, Context API,Tailwind CSS, Bootstrap, Axios, Zod.
- **Backend:**   Node.js, Express.js, NestJS, NextJS API routes,REST APIs, JWT Auth, Nodemailer, Google OAuth2, Upstash Redis, reCAPTCHA.
- **Database:**   PostgreSQL, MongoDB, MySQL, Firebase, Supabase, Prisma, TypeORM
- **Tools & DevOps:**   Docker, Git, GitHub, AWS (basic), CI/CD, Jira, Linux, Agile
- **API & Integrations:**   Socket.io, Firebase Auth, Razorpay Integration
- **Languages:**   JavaScript, TypeScript, Python, Java

EXPERIENCE

Full Stack Developer   *Reon Technologies (2023 – 2025)*

- Reduced frontend load times by 30% by optimizing React/Next.js rendering and lazy-loading strategies.
- Increased team productivity by 25% through mentoring, code reviews, and training junior devs.
- Cut new hire onboarding time by 40% by designing structured documentation and walkthroughs.
- Improved project delivery timelines by 30% through proactive backlog grooming and cross-team coordination.
- Boosted sprint velocity by 20% by leading Agile ceremonies and implementing feedback loops.

Full Stack Developer Intern   *Verzeo (May 2022 – July 2022)*

- Built a full-stack MERN app with 95% test coverage, supporting secure auth and CRUD operations.
- Reduced backend API latency by 15% by optimizing DB queries and endpoint structure.
- Assisted in deploying app to cloud platforms, gaining experience with CI/CD and production support.

PROJECTS

ERP Software   *React, Nestjs, Prisma, REST API*

- Automated workflows across inventory, billing, and CRM, cutting manual ops by 40%.
- Integrated RBAC and data protection measures, improving security compliance.
- Built modular API layers to improve maintainability and reduce bug rate by 35%.

Univote – Online Voting Platform   *Next.js, Tailwind CSS, Redis (Upstash), Google OAuth2, Nodemailer, Zod*

- Built a secure online voting platform that reduced fraudulent entries by 95% using OTP-based authentication
- Ensured 100% schema validation coverage and improved developer efficiency with modular Zod-based API contracts.
- Designed and deployed a full-stack app with Next.js (App Router), PostgreSQL, Prisma and Upstash Redis for rate limiting.

Online Auction System   *MongoDB, Express, React, Node.js*

- Developed a bidding platform that supported over 1,000 concurrent users by leveraging Socket.io for live auction updates.
- Integrated secure payment flow and role-based access control using the MERN stack and Razorpay.
- Improved user engagement by 40% through dynamic front-end state synchronization and intuitive UI design.

Real-Time Chat Application   *React, NestJS, Socket.io, Supabase*

- Built a chat application with 99.9% uptime using React, NestJS, and Supabase for scalable socket-based communication.
- Enabled real-time messaging and JWT-based authentication, supporting over 500 active users.
- Reduced message latency by 60% through efficient event handling and optimized broadcasting logic.

EDUCATION

7/2019 - 6/2023   **Bachelor of Technology**   College of Engineering Cherthala
                  Computer Science and Engineering