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 track record of reducing load times, mentoring teams, and driving Agile execution. Key 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)*

- Accelerated frontend performance by 30% by optimizing React.js and Next.js rendering with dynamic imports and code-splitting.
- Led cross-functional code reviews, mentored junior developers, and boosted team productivity by 25% using Git, GitHub Flow, and Agile Scrum practices.
- Built and maintained scalable RESTful APIs using Node.js, Express.js, and Prisma ORM with PostgreSQL, enabling efficient data access for complex web applications.
- Streamlined onboarding processes by 40% through detailed documentation and walkthroughs using Markdown, Postman collections, and Swagger for API visibility.
- Improved sprint velocity by 20% through leading Agile ceremonies, integrating CI/CD pipelines via GitHub Actions, and implementing backlog grooming best practices.

EDUCATION

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

PROJECTS

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

- Streamlined cross-functional workflows by automating inventory, billing, and CRM processes, reducing manual operations by 40%.
- Strengthened data security by implementing Role-Based Access Control (RBAC) and protective measures, improving compliance readiness.
- Engineered modular RESTful APIs with Prisma and PostgreSQL, cutting bug reports by 35% and boosting code maintainability.

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

- Secured 1,000+ votes with OTP-based authentication, eliminating 95% of fraudulent submissions.
- Boosted backend reliability by achieving 100% schema validation coverage using modular Zod-based contracts.
- Launched a full-stack voting platform featuring rate-limiting and authentication, increasing developer velocity by 30%.

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

- Delivered a scalable bidding system for 1,000+ users with real-time updates via Socket.io.
- Integrated Razorpay and secure user roles, enabling seamless, authenticated payments for auctions.
- Increased user retention by 40% by designing an interactive UI and real-time state updates.

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

- Achieved 99.9% uptime in a socket-based messaging app, supporting 500+ simultaneous users.
- Enabled secure, real-time communication using JWT authentication and scalable backend sockets.
- Reduced message latency by 60% through optimized event handling and efficient broadcast logic.