

SAMEER YADAV

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SUMMARY

Full-Stack Developer with 2.5+ years building secure, scalable MERN applications. Track record of improving API performance by 45% and reducing security vulnerabilities by 80%. Specialized in real-time systems, data optimization, and scalable architectures with strong foundations in cybersecurity practices. Proven expertise in architecting secure, high-performance systems using MERN stack, microservices (gRPC), and AWS infrastructure.

SKILLS

Frontend	ReactJS, Redux, HTML, SASS, Material UI
Backend	Node.js, Express.js, gRPC, BullMQ, WebSockets
Databases	MongoDB, PostgreSQL, Redis
Cloud	AWS (EC2, S3, SES, Auto-Scaling, Load Balancing)
Security	WebAuthn, AES 256, 2FA, SSL/HSTS, RBAC
Other	Protocol Buffers, Prisma ORM, Firebase, Workbox, Turborepo, Git

EXPERIENCE

MERN Stack Developer

July 2025 - October 2025

Ultroneous Technologies

Ahmedabad, Gujarat

- Deployed Bloom Filters improving data lookup by 30% and eliminating redundant operations
- Engineered magic number validation removing 100% of incorrect MIME type uploads
- Architected scalable multivendor platform resolving vendor management and payment routing issues

MERN Stack Developer

October 2024 - June 2025

Paymaster Management Solutions

Ahmedabad, Gujarat

- Engineered production HRMS serving 500+ employees with security and real-time workflows
- Established 2FA, WebAuthn, and anomaly detection cutting unauthorized access by 80%
- Improved API speed by 45% using Redis caching, MongoDB ChangeStreams, and BullMQ
- Incorporated WebSockets and Firebase for instant platform updates
- Adopted Protocol Buffers shrinking payload by 95% and accelerating response times

MERN Stack Developer

May 2023 - August 2024

Alluvium IoT Solutions

Ahmedabad, Gujarat

- Led AIVision EXIM delivery building scalable MERN solutions on AWS
- Configured Auto-Scaling and Load Balancing ensuring 99.9% uptime
- Deployed Blue/Green pipelines enabling zero-downtime releases
- Leveraged AWS SES automating notifications and eliminating manual work by 100%

PROJECTS

HRMS Platform. Platform managing records, attendance, leave, payroll for 500+ users. Built auth, RBAC, Redis caching, BullMQ processing, WebSocket notifications. Stack: Node.js, Express, React, MongoDB, Redis

Ecommerce Application. Modular system with gRPC microservices. Features JWT auth, Razorpay payments, Prisma ORM, API Gateway for products, orders, cart. Stack: React, Redux, Node.js, gRPC, PostgreSQL

WhatsApp Clone. Real-time chat with Firebase Auth, media sharing, dark mode, message search. Stack: React, Firebase

Expense Tracker. Tracking with ApexCharts for weekly and monthly visualization. Stack: React, Firebase, ApexCharts

EDUCATION

B.Tech, Civil Engineering, Inderprastha Engineering College	2012 - 2016
Ghaziabad, UP	69.8%

CERTIFICATIONS

- **Google Cybersecurity Certificate,** Coursera (Nov 2025): Security operations, threat analysis, incident response, network security