

# SAMEER YADAV

+91 8377971782 ◊ Ghaziabad, Uttar Pradesh

sameery.020@gmail.com ◊ <https://www.linkedin.com/in/ysam090/> ◊ <https://sameer-yadav.web.app>

## 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

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

## EXPERIENCE

<b>MERN Stack Developer</b> Ultroneous Technologies	July 2025 - October 2025 <i>Ahmedabad, Gujarat</i>
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- 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

<b>MERN Stack Developer</b> Paymaster Management Solutions	October 2024 - June 2025 <i>Ahmedabad, Gujarat</i>
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- 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

<b>MERN Stack Developer</b> Alluvium IoT Solutions	May 2023 - August 2024 <i>Ahmedabad, Gujarat</i>
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- 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

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**B.Tech, Civil Engineering**, Inderprastha Engineering College  
Ghaziabad, UP

2012 - 2016  
69.8%

## CERTIFICATIONS

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