

# Varun Mendre

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## Summary

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Computer Science graduate focused on server-side development, APIs, and cloud infrastructure, seeking a Junior Software Engineer role to contribute to backend systems and grow in a professional environment.

## EXPERIENCE

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### Web Developer | [[Certificate](#)]

Jan 2025 – Mar 2025

Bengaluru, Karnataka

Acmegrade Pvt. Ltd

- Contributed to a web application handling 100+ data records, gaining hands-on experience with full-stack flow.
- Designed and implemented responsive UI components using HTML, CSS, and JavaScript for the project.
- Developed RESTful APIs with Node.js and MySQL, integrating backend with frontend and managing structured data

## Technical Skills

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**Programming Languages:** C, C++ , JavaScript (ES6)

**Server-Side / Backend:** Node.js, Express.js, RESTful APIs, MVC Architecture, Authentication, Security

**Databases:** MongoDB, PostgreSQL, Redis

**Payment Gateway Integration:** Razorpay Payment Gateway, Stripe Payment Gateway

**Cloud & DevOps:** AWS Cloud Services (EC2, S3, CloudFront, IAM)

**Deployment & Infrastructure:** PM2 (Cluster Mode), NGINX, CI/CD Pipelines, GitHub Actions

**Developer Tools:** Git, GitHub, Postman, Wireshark, VS Code, Netlify, Vercel, Render, Railway

## PROJECTS

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### Storage App / *React, NodeJS, ExpressJS, MongoDB, Redis, Razorpay, OAuth* [[GitHub](#)]

Aug 2025 – Dec 2025

- Developed and deployed a cloud storage application on EC2 using NGINX and PM2 with zero-downtime deployment.
- Implemented scalable file storage and delivery using AWS S3 and CloudFront CDN with a custom domain and SSL.
- Developed a Subscription-Based Access system using Razorpay to manage storage limits and user plans.

### Custom CI-CD Server / *NodeJs, ExpressJs, PM2, NGINX, EC2, TelegramBot* [[GitHub](#)]

Dec 2025 – present

- Built a systematized CI/CD orchestrator on AWS EC2 that reduced manual deployment steps by 40%.
- Utilized SSH-based remote execution and PM2 to enable sub-minute, zero-downtime deployments.
- Integrated a Telegram Bot notification service to provide real-time deployment and build status updates.

### Event-Driven Notification Service / *NodeJS, Redis, RabbitMQ, Resend* [[GitHub](#)]

Dec 2025 – present

- Built an event-driven notification service on AWS EC2 to process build events and deployment triggers in real time.
  - Utilized Redis and RabbitMQ event queues with PM2 to enable system-driven, low-latency deployments
- Integrated an email notification service using Resend to deliver real-time build alerts for multiple pipelines

## EDUCATION

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### ASM CSIT COLLEGE , SPPU University

Pune, Pimpri

*Bachelor of Science in Computer Science (BSC.CS) (CGPA: 7.98)*

Aug. 2022 – May 2025

### ASM CSIT COLLEGE , SPPU University

Pune, Pimpri

*Master's of Science in Computer Science (MSC.CS)*

Aug. 2025 – May 2027