



Jayesh Deshmukh

DevOps Engineer & Backend Developer

Education

Indian Institute of Technology Kharagpur

B.Tech

November 2022 — May 2026

Internships

DevOps Engineer Intern at Foodcription

October 2024 — Present

- Implemented **CI/CD pipelines** with **GitHub Actions** for efficient deployments.
- Deployed applications on **AWS EC2** with **SSL** certificates and domain mapping.
- Utilized AWS services like **S3** for optimized storage and cost-efficiency.

Flutter Developer Intern at Build With Innovation

November 2023 — April 2024

- Developed multiple Flutter applications, including e-commerce, appointment booking, and service-based platforms.
- Integrated **Firebase** and **Typesense** for a reliable backend and efficient search.
- Implemented user-centric features such as coupon codes and appointment scheduling to enhance user experience.
- Gained hands-on experience in Flutter, Firebase, and backend development.

Projects

Bitelink, <https://bitelink.in>

October 2024 — Present

- Built a URL shortener using **Next.js** and **MongoDB**, providing analytics.
- Implemented **cookie-based** authentication for user security.
- Deployed on AWS EC2 with a CI/CD pipeline using GitHub Actions and **Route 53**.

SkillShodh, <https://skillshodh.in>

Present

Community platform connecting students with internships and job opportunities.

- Built the complete backend with **NodeJS** and **MongoDB**, implementing protected routes for secure access. Utilized **Supabase** for user authentication.
- Integrated **web sockets** for chats, **Getstream.io** for video calling. Hosted the website on a **VPS** with **NGINX** and secured it with a Let's Encrypt SSL certificate.
- Optimized backend performance by hosting MongoDB on the same VPS, **minimizing** database query **latency**.

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Skills

- Javascript C/C++ Python Dart Bash Scripting
- Node.js & Express React.js Next.js Redux Flutter
- Supabase Websockets PostgreSQL MongoDB Firebase
- AWS Github Actions VPS Hosting Docker CI/CD Pipelines GCP

Certification

- DevOps Beginners to Advanced with Projects - Udemy
- Python for beginners - Learn all the basics of python - Udemy

Other Activities

- Freelancer at Upwork
- Udemy Instructor with 250+ students
- Content creator