

Omkar Ghodekar

📍 Pune, MH | ✉ omkarghodekar18@gmail.com | ☎ +91 7350978721 | [in omkarghodekar18](https://www.linkedin.com/in/omkarghodekar18)

[omkarghodekar18](https://github.com/omkarghodekar18) | [omkarghodekar18](https://codepen.io/omkarghodekar18)

Education

Dr. D. Y. Patil College of Engineering, Akurdi

B.E. in Computer Engineering : CGPA 8.84/10

Government Polytechnic Awasari

Diploma in Information Technology : Percentage 90.94%

Aug 2023 – Present

📍 Nigdi, Pune

Dec 2020 – June 2023

📍 Ambegaon, Pune

Skills

Languages: C++, JavaScript (ES6), SQL

Technologies & Tools: React.js, Node.js, Express.js, MongoDB, MySQL, Redis, Tailwind CSS, Git, GitHub, GitLab CI/CD, Docker, Terraform, Vercel, Postman, Linux

Fundamentals: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Database Management Systems (DBMS), Computer Networks (CNS)

Experience

ConnectWise - DevOps Intern

Jun 2025 – Aug 2025

Tech Stack: Terraform, Kubernetes (EKS), AWS, GitLab CI/CD, Helm, Flux, Active Directory

- Migrated Kubernetes infrastructure automation from **AWS CloudFormation** to **modular Terraform**, improving scalability, maintainability, and provisioning speed.
- **Automated EKS control plane, data plane, and addon upgrades**, reducing **manual effort by 75%** and enabling on-demand node group provisioning to improve scalability.
- **Strengthened cluster security** by implementing **IP whitelisting (40+ approved addresses)** and enforcing EKS Pod Identity, removing reliance on instance-level IAM roles.

Stark Electronics - Web Developer Intern

Jan 2025 – Feb 2025

Tech Stack: React.js, JavaScript, Tailwind CSS, ShadCN

- Developed a fully responsive, accessible e-commerce web application for electronic component supply using **React.js**, **Tailwind CSS**, and **ShadCN**, ensuring seamless performance across devices.
- **Designed modular component architecture** using React and ShadCN, **improving code consistency, development speed, and maintainability**.

Projects

GoTinyUrls - URL Shortener with Live Click Analytics

[GitHub](#) | [Link](#)

Tech Stack: React, Redux, Tailwind CSS, ShadCN, Recharts, Node.js, Express, MongoDB, Redis, BullMQ

- Developed responsive frontend with React, Redux for scalable state management, Tailwind CSS, shadcn UI components, and Recharts for interactive data visualization and modern UI/UX design.
- Engineered a high-throughput URL shortener generating **14M+ unique URLs without collision** using counter-based logic.
- Built real-time analytics dashboards (day-wise and region-wise user activity) with click-tracking.
- Reduced redirection latency by **~50%** through **Redis caching** and **BullMQ** batch processing.
- Implemented **API rate limiting** to prevent abuse and ensure system stability under high traffic.

CodeLive - Realtime Code Editor & Compiler

[GitHub](#) | [Link](#)

Tech Stack: React, Tailwind CSS, Node.js, Express, Judge0 API, Socket.IO

- Developed a real-time collaborative code editor and compiler supporting **10+ users** with seamless live synchronization
- Integrated voice chat and **AI chatbot** features to enable instant communication and on-demand doubt resolution
- Utilized **Socket.io**, **WebRTC**, and **Judge 0** to deliver reliable live updates and backend code compilation

Certifications Achievements

Udemy – Full Stack Web Development With MERN STACK & GenAI

[Certificate](#)

C and C++ Training Programme (Spoken Tutorial Project, IIT Bombay)

[Certificate](#)