

Omkar Ghodekar

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Education

Dr. D. Y. Patil College of Engineering, Akurdi B.E. in Computer Engineering : CGPA 8.84/10	Aug 2023 – Present
Government Polytechnic Awasari Diploma in Information Technology : Percentage 90.94%	Dec 2020 – June 2023

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 Tech Stack: Terraform, Kubernetes (EKS), AWS, GitLab CI/CD, Helm, Flux, Active Directory	Jun 2025 – Aug 2025
<ul style="list-style-type: none">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 Tech Stack: React.js, JavaScript, Tailwind CSS, ShadCN	Jan 2025 – Feb 2025
<ul style="list-style-type: none">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 Tech Stack: React, Redux, Tailwind CSS, ShadCN, Recharts, Node.js, Express, MongoDB, Redis, BullMQ	GitHub Link
<ul style="list-style-type: none">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 Tech Stack: React, Tailwind CSS, Node.js, Express, Judge0 API, Socket.IO	GitHub Link
<ul style="list-style-type: none">Developed a real-time collaborative code editor and compiler supporting 10+ users with seamless live synchronizationIntegrated voice chat and AI chatbot features to enable instant communication and on-demand doubt resolutionUtilized 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