

Omkar Prakash Ardekar

Software Engineer · Full-Stack Developer · Open Source Contributor · LeetCode Knight · 1,600+ Problems Solved · 15+ Projects

✉ omkarardekar12@gmail.com | ☎ +91-7718051682 | </> [LeetCode](#) | 🔄 [GitHub](#) | 📁 [Portfolio](#) | 🔗 [LinkedIn](#)

ACHIEVEMENTS

[LeetCode Weekly Contest 499](#): Global Rank 306 / 29,461 · All India Rank 93.

LeetCode Knight (Contest Rating: 1923) · Top 3.87% globally in LeetCode Contests (Global Rank 32,724 / 874K+).

Solved 1,600+ problems across competitive programming platforms · Top 0.23% globally on LeetCode (Global Rank 11,618 / 5M+).

LeetCode Cap Holder · 2.1K+ views on LeetCode · Awarded 3rd Rank for academic excellence in college ([Certificate & Award](#)).

WORK EXPERIENCE

Open Source Contributor – GirlScript Summer of Code (GSSoC) 2026

May 2026 – Present

[GSSoC Profile](#) · [Next.js](#), [TypeScript](#), [Tailwind CSS](#)

[Live](#) | [Code](#) | [Contributions](#)

- Built and shipped a [GitHub Profile README Generator](#) (PR #3505) on a live production platform, driving **10K+ monthly views, 600+ generations**, & **20% of platform traffic**, with real-time markdown preview/generation, 200+ technology badges, & 50+ social integrations.
- Built a GitHub 3D Isometric Statistics Integration (PR #4129) with live contribution previews, GitHub profile validation, and customization.
- Built a recommendation engine (PR #5062), collaborated with maintainers through pull request reviews, incorporated technical feedback, resolved issues, automated workflows, delivered new features, and improved UI/UX.

PROJECTS

CodeElevate – Coder Community Platform

Jan. 2025 – Nov. 2025

[Live: https://codeelevate-community.vercel.app](https://codeelevate-community.vercel.app)

[Code](#) | [Video](#) | [SEO Validation](#) | [Performance Audit](#) | [Portal](#)

- Architected and shipped a full-stack, production-grade coder community platform entirely solo using **MVC architecture**, comprising **9 REST API modules** with **45+ REST endpoints** for authentication, profiles, messaging, rankings, posts, connections, notifications, competitive programming & coding statistics, and development statistics, with layered middleware for authentication, authorization, 2FA, request validation, data validation, and centralized error handling.
- Engineered a **MongoDB-backed intelligent caching system** with automatic TTL expiration for coding statistics, development statistics, and category-based ranking systems, reducing redundant external API calls while improving backend scalability and reliability.
- Performed API testing and validated 45+ REST APIs using Postman, ensuring reliable functionality across the platform.
- Implemented **Multi-Factor Authentication (MFA)** using **TOTP-based 2FA** with QR code enrollment, layered over session-based and token-based authentication, providing multi-layered account security.
- Developed a real-time messaging system using Socket.IO with online presence detection, image uploads, and **Optimistic UI Updates** for low-latency messaging and post interactions, delivering instant feedback through a fully responsive UI/UX with smooth animations.
- Achieved a **verified #1 Google Search ranking** for target queries through production-grade SEO & performance optimization, and attained Lighthouse scores of **98 Performance**, **96 Accessibility**, **100 Best Practices**, and **100 SEO**, with Core Web Vitals: FCP 0.9s, LCP 1.0s, TBT 0ms, CLS 0.005, and Speed Index 0.9s.
- Technologies Used**: React.js, Node.js, Express.js, MongoDB, RESTful APIs, GraphQL, MVC Architecture, Socket.IO, Tailwind CSS, Cloudinary, Mongoose, Passport.js, JWT, MFA (TOTP-based 2FA), Speakeasy, QRCode, Joi, Three.js, Framer Motion, React Context API, Postman, Git, GitHub, Render, Vercel, Google Analytics, Google Search Console, GitHub Pages

DeepSyncAI – Multi-Agent AI Research Engine

Apr. 2026 – May. 2026

[Live: https://deepsyncai.vercel.app](https://deepsyncai.vercel.app)

[Code](#) | [Video](#) | [SEO Validation](#)

- Designed a multi-agent research pipeline that autonomously searches the web, extracts source content, and generates structured research reports with AI critique [Web Search (Tavily API) → URL Extraction (Cheerio) → Report Generation Agent → Critique Agent].
- Developed an interactive UI featuring formatted rendering, typewriter animation, copy functionality, and session history.
- Technologies Used**: Next.js (App Router), React, TypeScript, Tailwind CSS, Framer Motion, React Markdown, Google Generative AI

HomiQuest – Rent, Host, Explore

Sept. 2024 – Dec. 2024

[Live: https://homiquest.onrender.com](https://homiquest.onrender.com)

[Code](#) | [Video](#)

- Designed and developed a full-stack rental platform that allows users to rent, host, and explore properties seamlessly.
- Designed using the MVC design pattern with secure authentication (Passport.js), interactive maps (Mapbox), and property filtering.
- Implemented a multi-method payment gateway simulation with real-time validation and booking conflict detection.
- Technologies Used**: Node.js, Express.js, MongoDB, REST APIs, Cloudinary, Bootstrap, EJS, JavaScript, CSS, HTML, Render

TECHNICAL SKILLS

Programming Languages: Java, C, C++, TypeScript, JavaScript, Python

Core Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Problem Solving

Technologies: Node.js, Express.js, RESTful APIs, React, Next.js, Redux, Tailwind CSS, Bootstrap, MySQL, MongoDB

Tools: Git, GitHub, Visual Studio Code, Sublime Text, IntelliJ IDEA, Postman, Google Search Console

Core Subjects: Operating Systems, Database Management Systems, Computer Networks, Theory of Computation, Software Engineering, Distributed Systems, Algorithms and Complexity

EDUCATION

Bachelor of Engineering (B.E.) in Computer Engineering

CGPA: 9.06 / 10

Vasantdada Patil Pratishthan's College of Engineering, University of Mumbai, India

2022 – 2026