

Vivek Shivaji Katkar

Kolhapur, Maharashtra, India

+91 9356907874

✉ katkarvivek0@gmail.com

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Education

Program	Institution	% / CGPA	Year
B.Tech in Computer Science and Engineering	Walchand College of Engineering, Sangli	8.87	2023-26
Diploma in Information Technology	Government Polytechnic, Kolhapur	96.12%	2020-23

Skills

Languages - C++ | Java | JavaScript | Typescript

Technology - Node JS | Express JS | React JS | Next JS

Databases - MySQL | PostgreSQL | MongoDB

DevOps - Git | Docker | Kubernetes | CI/CD

Course Work - DSA | OOPs | Operating System | Computer Network | DBMS | SQL

Profiles

Codechef - Highest rating : 5★ ([wiki2711](#))

Leetcode - Highest rating : Gaurdian 2406 ([vivek3054](#))

Codeforces - Highest rating : Specialist 1521 ([vivek2711](#))

GeeksforGeeks - ([vivek3054](#))

Projects

MockMate

- Node.js, Express.js, PostgreSQL, Prisma, JWT Auth, Redis, WebRTC, WebSocket, Razorpay, Gemini AI, WhatsApp API
- Built **MockMate**, a platform for AI-based and peer-to-peer mock interviews with subscription-based access
- Integrated an **Gemini AI** and resume analyzer to generate personalized interview questions and feedback.
- Implemented **WebRTC** for live peer-to-peer video interviews with recording support.
- Built secure **JWT-based authentication**, **role-based feature control**, and **Redis**-powered user state tracking.
- Integrated **Razorpay** for payments and enabled **WhatsApp notifications** for upcoming interview meets.

Chainly

- Microservices, Webhooks, Docker, Node.js, TypeScript, Next.js, PostgreSQL, Prisma, Kafka
- Built a **microservice**-based **automation** platform to create and trigger workflow chains via webhooks (Zapier-like).
- Implemented **transactional outbox pattern** to ensure atomicity across services by storing events in an outbox table
- Designed event flow with webhook triggers, Kafka-based processors, and **worker services** to execute actions.
- Used Kafka for reliable **async communication**, Docker for **containerization**, and PostgreSQL for **consistent state** and **transactional integrity**.

Books4All

- Microservices, Google Books API, React, Node.js, Docker, PostgreSQL, Tailwind CSS
- Built a **microservices**-based book donation platform with **role-based access** for donors, NGOs, and recipients.
- Integrated **Google Books API** and **geolocation** to match books with nearby schools using distance-based logic.
- Implemented **real-time notifications** via email and WhatsApp for donation updates and delivery updates.

Awards and Achievements

- **ICPC 2024** Regionalist with **AIR 79** in Kanpur Regionals and **AIR 85** in Amritapuri Multisite Regionals.
- **Winner** of NICE Coday 2025 hackathon among 100+ participants.
- Ranked among the **Top 5** teams in **UBS Hackathon 2025**.
- Achieved **5★** CodeChef rating (max 2000) showcasing strong competitive programming skills.
- Among the **top 0.35%** on LeetCode, reflecting coding proficiency.
- Secured **7th rank** in Cybros LNMIIT competitive programming contest by solving 4 of 6 problems on time.
- **Winner** of **web development** competition among 40+ teams at Dr. J. J. Magdum College of Engineering.
- **First** rank in **CodeMarathon** among 40+ teams at D.Y. Patil College of Engineering, Kolhapur.