Omkar Wadekar

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EDUCATION

- **Indian Institute of Information Technology** — Jabalpur, India
  Bachelor of Technology - Computer Science; CPI: 8.9 — *July 2021 - June 2025*
  Courses: *Operating Systems, Data Structures and Algorithms, Databases, Networking, Artificial Intelligence, Digital Watermarking*

SKILLS SUMMARY

- **Languages**:   JavaScript, C++, C Solidity, SQL, JAVA.
- **Frameworks**:   NodeJS, ReactJS, ExpressJS, Web3.js, Redux.
- **Tools**:   MongoDB, Postman, GIT, Github, Truffle, Remix IDE, Apache Kafka.
- **Certifications**:   Advanced Distributed Systems, Blockchain, Data Science.

EXPERIENCE

Buyhatke — Bangalore, India
Software Development Engineer 1 — *Jul 2025 - Present*

- Engineered a backend feature for international price comparison across 5 countries by scraping 50K+ product pages/day from region-specific sources, batching requests, sanitizing 10K+ responses, and ingesting them via distributed consumers.
- Handled country-level restrictions and modularized the pipeline to serve location-specific links for 100K+ extension users, improving response relevancy and reducing error rates by 45%.
- Currently building an "AutoBuy" system that enables automatic checkout and purchase for users when price-drop conditions are met, integrating payment and cart logic across 10+ major e-commerce platforms.

Buyhatke — Bangalore, India
Software Engineer Intern — *Jan 2025 - Jun 2025*

- Optimized a distributed data collection pipeline, enabling batch processing of 100K+ product records/day and seamless ingestion into a centralized DB. Added support for a price drop alert feature across 30+ e-commerce platforms.
- Automated bank reconciliation and payout workflows using Puppeteer and cron jobs, reducing manual effort by 80% and improving payout accuracy from 92% to 99.5%.
- Scaled Spend Lens app by integrating with 35+ major platforms and optimizing order-tracking logic, supporting analytics for 7.5M+ orders and 10M+ items across 50K+ users.

PROJECTS

- **FlipHealth - Blockchain based PHR management system**: Live | Github
  - Integrated Aadhaar and Metamask for secure multi-factor authentication, improving identity verification accuracy by 100
  - Enabled encrypted health data storage on IPFS, ensuring privacy and decentralized access for 1K+ potential users.
  - Designed smart contracts for document sharing across 5 stakeholder roles, supporting 10+ file formats and reducing access management errors to near-zero.
  - **Tech Stack**: ReactJS, NodeJS, Web3.js, Solidity, Ethereum, Aadhaar KYC, MUI.

- **Netropolis - Matching Platform for Rural Labor and Cultural Experience** : Live | Github
  - Created a platform bridging labor demands in rural areas with urban seekers of cultural immersion, with potential outreach to 10K+ users in pilot regions.
  - Implemented features including Google OAuth 2.0 login, Google calendar, quest registration, scheduling, and user quest search using VectorDB.
  - **Tech Stack**: React + Vite, Tailwind CSS, Django Rest Framework, PostgreSQL, Python.

ACHIEVEMENTS

- Codechef Profile Link: **4 star - 1897.**   Codeforces Profile Link: **Pupil - 1374.**
- Leetcode Profile Link: **Knight - 1862.**   Solved **1000+** problems across various online judges.
- **Global rank 113** among **14000** participants in Starters 94 Divison 4.
- **Global rank 575** among **40000** participants in Educational Codeforces Round 149.
- Ranked in top 1.5% (semi-finalist) in Flipkart GRiD 5.0 Software Development Track among 397,000+ participants.
- **Semi-Finalist** of Flipkart GRiD 5.0 Health+ Track - **Top 2.5%**
- Winner - **Street play** competitions at IIT Guwahati and BITS Hyderabad.