

AYUSH ROKADE

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Education

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| • Datta Meghe College of Engineering, Navi Mumbai
Computer Engineering AVG CGPA: 8.5 | 2022 - 2026 |
| • St. Xavier's High School & Jr. College, Navi Mumbai
HSC (Class XII) Percentage: 87.67% | 2021 - 2022 |
| • MGM High School & Jr. College, Navi Mumbai
SSC (Class X) Percentage: 90.60% | 2019 - 2020 |

Skills

- **Frontend:** HTML, CSS, Tailwind CSS, React.js, Redux
- **Backend:** Node.js, Express.js, RESTful APIs, JWT Auth, Bcrypt, Postman
- **Database:** MySQL, MongoDB
- **Languages:** Java, JavaScript
- **Version Control:** Git, GitHub

Work Experience

- Infosys Springboard** | Artificial Intelligence Intern **Sep 25 - Nov 25**
- Built a dynamic pricing engine using Python, XGBoost, and LightGBM, achieving **84.32% accuracy (R²)** and reducing pricing error by **5.4% (MAE)**.
 - Automated the end-to-end data pipeline (EDA, cleaning, feature engineering), adding **6+** advanced features and improving data processing efficiency by **100%**.
 - Performed backtesting on **1,000** historical rides, validating a **+0.20%** ML revenue lift and a **+33.88%** rule-based lift, supported by visual dashboards and performance reports.

- Cognifyz Technologies** | Full Stack Development Intern **Jun 25 - Jul 25**
- Developed MERN-based features, including **APIs**, **UI screens**, and validations, improving stability and reducing bugs by about 20%.
 - Completed end-to-end **full-stack** tasks, streamlining workflow and improving delivery efficiency by around 25%.

Projects

DevHub - AI-Driven Developer Pairing & Collaboration

- Built a **MERN** platform with AI-based developer matching, improving profile relevance by around **40%** in testing.
- Implemented real-time collaboration using **WebSockets**, enabling chat, task, and Kanban updates with **150-200ms** latency.
- Secured workflows with JWT authentication and **RBAC**, ensuring zero unauthorized access during testing.

MERN E-commerce Platform

- Built a MERN e-commerce store with **JWT auth**, **bcrypt** hashing, and admin dashboard, improving admin efficiency by around 30%.
- Added **Redux**-based filtering, sorting, and searching, improving product discovery speed by around **25%**.
- Integrated **Stripe** payments via Express backend with 100% sandbox success, storing transactions securely in **MongoDB**.

Academic and Extracurricular Achievements

- **Top 5** in HackHive 2025, 8-Hour Interdepartmental Hackathon.
- **Finalist** in Hackathon 3.0, GITS Group, Datta Meghe College of Engineering.

Positions of Responsibility

- CSI DMCE** | Sponsorship team member **Jul 23 - Apr 24**
- Reached out to potential sponsors, drafted communication, and supported event-related coordination during Technitude 2023.