

# Aditya Basude

Thane, Maharashtra

adityabasude13@gmail.com | +91 9370406054 | GitHub | LinkedIn | Portfolio

## EXPERIENCE

---

### Xcellify

Jun 2025 – present

Backend Developer Intern

Remote

- Architected a **global AI-powered semantic search engine** and Xcel360 chatbot using **Azure AI Foundry** (GPT-5.1), enabling intelligent product discovery and real-time student support across distributed backend services.
- Built a **scalable report generation pipeline** for Xcel360 using a **queue-based FIFO architecture**, decoupling API requests from processing to handle concurrent report jobs without blocking or timeout failures.
- Engineered high-performance API endpoints achieving a **40–50% reduction in latency** through parallel execution patterns, optimized SQL queries, and Redis caching across microservices.
- Integrated **Cashfree and HDFC payment gateways** to handle product and marketplace orders end-to-end, and connected **Meta Business WhatsApp APIs** for real-time webhook-driven payment notifications and student–vendor alerts.
- Designed a **sales order tracking backend** with full **Zoho CRM integration**, giving the sales team live visibility into order lifecycle and pipeline data.
- Centralized and documented microservices APIs using **Swagger**, reducing frontend integration time and improving cross-team API clarity.
- Executed production deployments by initiating **container build pipelines** and applying **Kubernetes configuration updates** to live clusters.

### Zymo

Apr 2025 – Jun 2025

Backend Developer Intern

Remote

- Architected a **multi-vendor car rental platform**, enabling partner onboarding and scaling daily transactions from **zero to consistent active bookings**.
- Transitioned **100K+ user accounts** from email and Google-based access to **phone OTP authentication**, ensuring seamless migration with zero data inconsistency.
- Set up CI/CD pipelines with GitHub Actions, reducing deployment time by 40% and enabling consistent, automated releases.
- Developed serverless backend logic using Firebase Cloud Functions and implemented event-driven architecture to dispatch reservation notifications instantly.

## PROJECTS

---

**Echo** | GO, NGINX RTMP, Redis, AWS (S3, ECS, Lambda), gRPC, Auth0, Docker | GitHub | Live

- Architected a full-stack live-streaming platform with a React frontend and Go microservices, deploying video transcoding services on **AWS ECS**.
- Engineered a gRPC-based video transcoding service using **FFmpeg** to support multi-resolution processing (240p to 1080p).
- Implemented Redis caching to optimize data access speeds and reduce database load during high-traffic streams.

**Trend** | NextJS, Apollo GraphQL, TailwindCSS, PostgreSQL | GitHub | Live

- Built a social platform for creators to share and tag memes, fostering community engagement and creativity.
- Designed a responsive frontend using **NextJS** and TailwindCSS, ensuring a user-friendly interface.
- Developed a hybrid backend combining **GraphQL** and REST API, delivering a smooth and efficient user experience.

**Sketch.io** | ReactJS, Express.js, Socket.io, CSS, Redux | GitHub | Live

- Created a multiplayer online game connecting users globally for an interactive drawing and guessing experience.
- Implemented **real-time** multiplayer connectivity using Socket.io, ensuring minimal lag and high scalability.

## TECHNICAL SKILLS

---

**Languages:** Typescript, Javascript, C++, Go, SQL

**Backend:** Microservices, GraphQL, gRPC, Express.js, WebSockets (Socket.io), RabbitMQ, Serverless

**Cloud:** AWS (ECS, Lambda, S3), Azure (AI Search, AI Foundry), Firebase, Docker, CI/CD (GitHub Actions)

**Database:** PostgreSQL, MongoDB, Redis

**Tools:** GitHub, Git

## EDUCATION

---

### Mumbai University

Bachelor of Engineering in Artificial Intelligence and Data Science

2023 – 2026

7 CGPA