Aditya Basude

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Experience

Helpy Moto PVT LTD   **Jun 2024 – Sep 2024**
SDE Intern   *Remote*
- Engineered and maintained **cross-platform mobile applications** using Flutter, enhancing app performance and usability.
- Designed and implemented **KYC, order tracking, and authentication features**, elevating user experience and compliance.
- Integrated **real-time notifications** using the Pusher package.
- **Directed** a team of Flutter developers, allocated tasks, and conducted daily updates, ensuring on-time delivery of weekly project milestones.

Rablo.in   **Oct 2024 – Jan 2025**
Backend Developer Intern   *Remote*
- Debugged and optimized APIs, reducing response times and improving efficiency by **25%**.
- Developed **REST APIs** with **Express.js** and **MongoDB**, implementing **Socket.io** for real-time client notifications and data management.
- Collaborated with the team to brainstorm solutions, refine modules, and execute strategic development plans.

Projects

Echo / *GO, NGINX RTMP, Redis, AWS (S3, ECS), gRPC, Auth0, Docker* / *Github*
- Architected a full-stack live streaming platform using React frontend and Go **microservices**, deployed video transcoding service on **AWS ECS** for scalable processing.
- Built high-performance backend with **Redis** for caching, optimizing data access and reducing latency.
- Engineered a **gRPC**-based video transcoding service with **FFmpeg** for multi-resolution processing (240p to 1080p), utilizing **AWS S3** for scalable content delivery.
- Designed robust cloud infrastructure leveraging AWS ECS for container orchestration, S3 for content delivery, and **NGINX RTMP** for live streaming capabilities.

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.
- Leveraged **ReactJS** and CSS for a vibrant and engaging frontend interface.

Technical Skills

Languages: Typescript, Javascript, C++, Dart, Go
Backend: GraphQL, Express.js, gRPC, Microservices Architecture, Socket.io
Frontend: ReactJS, NextJS, TailwindCSS, Flutter, HTML, CSS
Database: MongoDB, Redis, PostgreSQL, Firebase
Cloud: AWS
Tools: GitHub, Git, Docker

Education

Terna engineering college (Mumbai University)   **2023 – 2026**
Bachelor of Engineering in Artificial Intelligence and Data Science   *6.6 CGPA*

Pravin Patil Diploma College (MSBTE Board)   **2020 – 2023**
Computer Engineering   *83.60%*