Aditya Roy

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Work Experience

Traya, Bangalore | (Core Product Team) — Software Developer (SDE-I)

FULL TIME Jan 2025 - PRESENT

- **Extracted feature into dedicated microservice:** Architected dedicated microservice from scratch for feature isolation, reducing single microservice load by 12%, serving as repo author of Traya Quality Ops.
- Created entire **UI/UX** and written backend **Api** logic for entire auto login and logout feature with timed push notification for Approval Tracker for managers in CRM, used **Grafana** for debugging and monitoring.
- **Revamp**: Migrated existing codebases from Node.js backend to **Nest.js** and TypeScript, making microservices **MultiTenant**.

INTERN June 2024 - Dec 2024

- Worked closely with the Business Team to understand the different business use cases, providing them with optimised tech solutions.
- Improved dashboard loading times by **12%** using **Lazy load** in react with Api response caching using **Persistent Storage** strategy, reduced CSS **production** bundled size by **25%** using **Purging** in tailwind css.
- Implemented whatsapp **waba** notification feature for UAE customers using Gupshup and RabbitMQ.
- Automated multilingual coach assignments by writing **cron jobs**.

Plainworks.io | Remote, Perth Australia — Frontend Developer

INTERN Jan 2024 - Feb 2024

- Boosted customer engagement by **10%** with smooth Framer Motion animations and lazy loading, keeping visitors engaged longer.
- Drove **15%** more patient conversions by implementing Google Reviews API plugin showcasing authentic customer testimonials.

Projects

React Code Editor | Link

TECH STACK: React.js, TypeScript, JudgeCE, RapidAPI, CloudFlare Workers

- Achieved **95.99**% uptime, through CloudFlare Service workers by writing scripts, 20 concurrent users sessions, cached with **KV** Storage.

Photo Sharing Site | Link

TECH STACK: Appwrite Cloud DB, Tailwind CSS, Zustand, React.js

- Engineered dynamic daily posts with **Infinite scrolling** and **pagination**, reduced js bundle chunk size by **20MB** through code splitting.

Skills

Golang, HTML, SASS, AWS, Css3, Typescript, Docker, Redis, RabbitMQ, C++, Javascript, React, Node, Express, PostgreSQl, MongoDB, Git, Design Patterns, DSA

Familiar: React Query, Kafka, Nest.js, Java, Python

Education

B Tech | Electronics and Telecommunication

Kalinga Institute Of Industrial Technology, Odisha | CGPA - 8.28

Achievements

- HultPrize winner: AI Health Assistant.
- IOT contest champion among **500+ teams** using ESP8266 car-brake-health-monitor.
- Participated in Amazon Sambhav Hackathon 2024 proceeded till the second round.

Leadership

- Led 4 member team to top 20 among **200+ teams** in StartUp Meity Tide Innovation among **50+ colleges.**
- Currently building a side project called **VidKit** it is a streaming service for video vendors with 2 project members.

Certifications

- Meta certification for Frontend **React Developer** from Coursera.
- Design Principles and Design pattern certification from Linkedin.