

MOHIT NAGARAJ

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EDUCATION

Dayananda Sagar College Of Engineering

B.E in Computer Science and Engineering

CGPA: 9.23

2022 - 2026

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Go, Dart, C++

Tools: React, Nextjs, Node+Express, Postgresql, MongoDB, Firestore, Flutter, Git, Redis, Cloud

Technologies/Frameworks: Tailwind, Threejs, oauth, trpc, Redux, Context, Firebase, Passport, Prisma, Bootstrap, RESTful api, GraphQL, Grpc, GoFiber, Gin, Nginx

PROJECTS

Solace | *Golang, Redis, AWS, Docker, Nodejs, Nextjs, Socket.io* - [Github](#)

- The Solace platform allows users to build and deploy their applications by entering github link of project to trigger the api-server to run a **Docker image**, build the project.
- Store the dist files in an S3 bucket, with **real-time logs** being streamed back to the user using nodejs and redis. It utilizes a **reverse proxy** to fetch specific resources from the S3 bucket and displays them to the user seamlessly.

VidStreamX | *GoLang, AWS, Docker* - [Github](#)

- A robust video transcoding pipeline built using Go for video processing **using ffmpeg** and Docker for containerized deployment which are deployed in **ecs cluster (fargate)**.
- Integrated AWS S3 for storage and **trigger events** into AWS SQS, distributed messaging, which triggers the container to run, to ensure high-performance video processing.

WeChat | *Vite, Express, REST, Socket.io, MongoDB, AWS Cloud* - [Github](#)

- Developed a real-time chat application using React and **Vite** for the frontend, **Express and Socket.io** for server-side communication, with MongoDB for storing user and chat data.
- Architected the app using AWS cloud services, **deploying the backend on EC2**, and managing MongoDB database. Configured **CloudFront** to enhance performance and provide low-latency global access.

Exsense | *Vite, Express, GraphQL, MongoDB, Passport* - [Github](#)

- Engineered a finance management application using Vite for the frontend, Express and **Apollo GraphQL for the backend**, and MongoDB for secure data storage with Passport authentication.
- Designed a user-friendly and responsive interface, enabling users to efficiently track expenses, manage budgets, and visualize financial data in real-time.

EXPERIENCE

Frontend Developer - Boho, SellerSetu

Nov 2024 - Feb 2025

- Developed and launched a buyer app using the Expo framework for React Native using SDUI, implementing various features to enhance user experience, including payment integration with Easebuzz and native device functionalities.
- Incorporated state management with Zustand and react queries for optimized performance through code splitting and lazy loading techniques, significantly improving app load times and responsiveness.

SDE intern - Springreen

Sep 2024 - Dec 2024

- Contributed to building multiple products, integrating APIs using flask and golang, and setting up CI/CD pipelines for seamless web app deployment.
- Worked on microservices hosted on EC2 for low-latency, cost-efficient operations with robust monitoring.

ACHIEVEMENTS

Team Luminosity, Innerve 9, AIT Pune Hackathon - [Link](#)

Feb 2025

- Won **Place 1 out of 1250 registered teams**. An AI-driven multi media EdTech platform for electronics and stem subjects. Aimed at improving the quality of education.

Team GottaGo, GoFr Hackathon - [Link](#)

Nov 2024

- Won **Place 2 out of 80 registered teams**. Implemented a ai extension to automate social outreach for the gofr website. We used react for frontend, golang on backend.

Hacktoberfest 2024 - [Link](#)

Oct 2024

- Completed this year's hacktoberfest contributing to open source repositories like **doctl, dicedb, luicide, ifmeorg** and collaborating with other open source enthusiasts.