

SHREYAS SHANKAR CHORGE

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INTRODUCTION

Shreyas is currently a budding Software Engineer with a strong programming background and experience of using Node.js, React.js, AWS. He follows the TDD approach while developing applications. He is passionate about Web Development, Cloud Computing and has a track record of maintaining consistent performance levels and achieving the desired targets through relentless hard-work and dedication. In his free time he likes to watch TV Shows and Anime.

WORK EXPERIENCE

1. Plant-for-the-Planet – Munich, Bavaria, Germany March 2022 – Present

Software Engineer (Full-time)

- Successfully designed and developed event-driven POC Fire-alerts application (Kafka, Express, Postgres, NASA apis)
- Implemented App-level Multi-tenancy, ensuring the application can handle multiple tenants securely and efficiently.
- Implemented rate-limited APIs to control the rate of incoming requests, ensuring fair usage and preventing abuse of server resources.
- Created type-safe APIs using tRPC and NextJS, leveraging technologies like Prisma and MySQL, to provide robust and performant server-side functionalities.
- Implemented Boleto Payment Method (StripeJs).
- Created Analytics Dashboard (Used Apexcharts to plot the graph, used serverless NodeJS to write the APIs)
- Developed a npm library for common and modular code-sharing across multiple projects.
(<https://www.npmjs.com/package/@planet-sdk/common>)
- Implemented comprehensive error handling techniques, including error normalization strategies on the client-side, enhancing the application's reliability and user experience.
- Setup MUI5, used styled-components for modular CSS.
- Implemented the OG-image feature, which allows the application to generate snapshots of the UI for a given URL, facilitating enhanced social media sharing and previews.
- Enhanced the application's global state management (Context API ReactJs) by adding type support and implementing memoization for improved performance.

2. Palnesto – Secunderabad, Telangana, India December, 2021 – February 2022

Software Engineer (Full-time)

- Developed responsive cross-platform (web, desktop) Front-end using Nextron Js.
- Independently developed Front-end while working with the backend team.
- Developed an online POS System for restaurants to manage their sales (Next.js, Node.js, Sequelize ORM, Postgres)
- Setup CI/CD pipeline (Jenkins, Docker)
- Created a custom theme on top of Ant Design.

3. Futops – Pune, Maharashtra, India September, 2021 – December, 2021

React Developer (Full-time)

- Worked on a Japanese Govt. project that analyzed and detected traffic mobility. Since security was a major concern, all activities were conducted within the intranet. I implemented offline maps to give real-time geo-location snapshots and other details. (Leaflet.js)
- Setup project from scratch and Implemented Authentication and authorization using JWT.
- Setup servers from scratch on the intranet and deployed dockerized containers.

4. Peoplebox – Bengaluru, Karnataka, India August, 2020 – October, 2020

React Developer Intern (Full-time)

- Implemented CoffeeConnect Feature which sends a reminder to 2 people connected on slack to have a chat. (React.js, Ant Design, Redux)
- Integrated Frontend with REST API

5. Headstrait Software – Mumbai, Maharashtra, India July, 2019 – Nov, 2019

UI/UX Developer Intern (Full-time)

- Designed Mobile UI for a digital wallet platform. (Invision Studio)
- Developed UI in React Js

6. Personal Experience

FullStack Developer

- Used JEST with supertest for Testing APIs.
- Classic AWS (EC2, EBS, ASG, Route53, ECR, S3)

PROJECTS

- **Zone**

Zone is a C2C platform, build with scalability and availability in mind. It is built on the idea of loosely coupled microservices and keeping the server cost to a minimum.

Messaging system used is NATS.

NATS Jetstream is used for persisting messages.

- Developed REST APIs in Sanic and Flask
- Access and refresh tokens are used for authentication.
- Implemented NATS Jetstream.
- Used Docker for containerization.
- Used Kubernetes for container orchestration.

Github Link: <https://github.com/Shreyaschorge/Zone>

- **Novice**

Novice is a Student Management Application that shares a one-to-many relationship between students and their mentor, used by a mentor to manage their students.

- Developed REST APIs in NodeJS
- Used JEST with supertest for Testing APIs.
- Used ReactJs for UI
- Configured Nginx as a proxy server
- Setup travisCI for CI/CD

Github Link: <https://github.com/Shreyaschorge/Novice>

EDUCATION

University of Mumbai, Mumbai

2021

Bachelor of Engineering (B.E.), Information Technology, CGPI 7.69/10

NES Jr. College, Bhandup, Mumbai

2017

HSC, Science, 81.69%

Lions Pioneer English School, Matunga, Mumbai

2015

SSC, 84.00%

TRAINING & CERTIFICATIONS

- IBM Docker Essentials