

Pratik Mazumdar

Software Developer

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About Me

Hi, I take great care in the experience, architecture, and code quality of the things I build. I am also an open-source enthusiast and contributor.

Personal Experience

Alpha Group

Co-Founder (NOV 2020 - OCT 2021)

- Developed GUI and Backend of the Manga Harbor(Manga reading website) based on **Nodejs**
- Developed and integrated a system for client to make online booking through the app.
- Contributed to open source of Easy Cpp.
- Developed API which fetch from NASA planetary's information on a given date.
- Developed a music website which fetch songs from youtube and plays it in random fashion.
- Created a blog's CMS(Content Management System) where a user can read, write articles.

Professional Experience

Quantiplay

Backend Developer (March 2022-Now)

- Integrated plugin for our API which consist major trading vendors and partners. Like- **Kambala, Kotak, Jainam Duck, Flattrade** and **Tradejini**
- Written test cases with **Jest** for 13 trading plugins.
- Implementing Mono-Repo (**Lerna**).
- Managing npm packages and version control of 13 trading plugins.
- Researched and implemented **Telegram API** for messaging our customers.
- **Stateless** logout system which helps logging out of users, logging out all sessions of that user.
- Totp implemented for automated login system in Quantiplay, resulting in seamless and faster login for users.
- **Emailer API** for internal team to send mails to the end user with the help of templates.
- Job Dashboard for handling internal jobs, resulting in management of system jobs(**Bull**) like delete, add and modify.
- Developed Neo **Kotak SDK**, provided a method to access Neo Kotak's platform for day trading.
- Contribution to Finvasia SDK, another day trading system.
- Todo List application with storage being **AWS S3** and **Localstack**.
- Export reports with **ExcelJS**.
- Log Archiver, which zips system log files and save it to **E2E** server.

Borderless Solutions

Web Developer (OCT 2021 - March 2022)

- Developed and managed a dynamic, Javascript based CMS (Content Management System) for Clients, based on **NodeJS**.
- Implemented fuzzy search with Fuse.js, search system was in front-end therefore decreasing server load.
- Managed and administrated Bare Metal Server for client.
- Integrated Stripe payment gateway to company's website with the help of **PHP** and **Stripe API**.
- Implemented chat system for Live streaming with **Web Sockets**.
- Implemented Video streaming from Client (streamer) to clients.
- Developed and maintained a video streaming and sharing entertainment website. This project needed a bare metal server for handling large request with storage system for handling videos.

Technical Skill

- **Backend TypeScript/Javascript Frameworks**
Node JS, Express JS, Bull, Axios, Mongoose, Sequelize, Lodash, FakerJS, Winston, Minio, Jest, Nodemailer, IoRedis,
ExcelJS, Joi, eslint, neo-kotak-sdk, lerna
- **Frontend TypeScript Frameworks**
Gulp, TailwindCSS, Babel, JSX, Fuse.js, Plyr, Filepond, DaisyUI
- **PHP Framework**
CodeIgniter 4, CodeIgniter 3, Slim, Paypal API, Stripe API, PDO
- **Database**
MongoDB, MySQL, Redis
- **Tools**
AWS EC2, AWS S3, E2E, Localstack, AWS CLI, Git, cPanel & WHM, npm, composer, Jira, SSH