



Hritik Ranjan

Software Engineer | Backend Developer

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science | CGPA: 7.93

Bhopal, India

Grad: August 2022

Ram Ratna Vidya Mandir

Central Board of Secondary Education | 12th Board

Mumbai, India

Grad: May 2018

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java([Oracle Java Certified Programmer](#))

Database: PostgreSQL, MongoDB(Mongoose), Prisma, Firestore

Frameworks/Tools: NodeJS, ExpressJS, NestJS, Docker, Git, GitHub, Bootstrap, WSL(Windows Subsystem for Linux), Postman, AWS

Also : Great at Googling solutions for problems!

WORK EXPERIENCE

Software Development Engineer I

Bengaluru, India

Dec 2022 - Nov 2023

Procuzy

- **Build multiple core in-house services** like **DC (Delivery Challan)** and **BOM (Bill of Materials)** end to end and maintained it closely till stability. [Used by clients like eeki foods and rubans]
- Worked on **building a reusable download feature** which is used across services that generates a responsive pdf / html file. [Used to create an html and that gets converted into pdf.]
- Created a mail service using TaskQueue of GCP, for automatically sending templated mails when some event triggers.
- Improved various features of multiple API(s) by **debugging code**, **resolving dependency issues** in queries, and adding new entries while **maintaining and improving code quality**.
- Worked on the **improvement of code architecture** by writing reusable functions.

Software Development Engineer Intern

Bengaluru, India

Sept 2022 - Dec 2022

Procuzy

- Improved a lot of **minor features** and **code debugging** from adding **new entries in API** to **resolving dependency issues** in queries.
- Implemented an **end to end feature** on suspicious transactions taking place, by automatically sending a mail to the sales head, business head & CEO if any suspicious transaction took place within a designated span of time.
- Researched on assembling a **CI pipeline** from scratch for building an **e2e testing based development approach on production / distribution level**.
- Ideated with the solution of using **cypress testing** along with **cloudflare** and **GitHub** actions for frontend based **production level development**. Wrote multiple **e2e test cases** for our services.

PROJECTS

Recruitment Platform: Backend

- Created a job portal platform backend built for end-to-end recruitment solutions, using NestJS framework and TS.
 - Using PostgreSQL in Docker container for storing data and Prisma for data modelling.
- Tech Stack: **nodeJS(ExpressJS)**, **EJS**, **Bootstrap CDN**, **MongoDB (Mongoose)**, **MailChimp API**, **WSL**, **Heroku**

Vyavahaar: WebApp based Mental Health guide

- Worked with a team of 6 people following **Agile Methodology** to build a mental health web app
 - Implement a **web app** consisting of functionalities like Questionnaire, vent out wall and therapy counselling
- Tech Stack: **JavaScript**, **Python**, **FastAPI**, **Firebase**

MyList Feature: OTT Application [<video link>](#)

- Built a Desktop based application made with the help of Java Swing Application
 - Where server and client class can send, receive msg will with help of socket programming
- Tech Stack: Used **Java Swing** and **Java Networking (Java Socket Programming)** Fundamentals.

QR Code Generator

- Using a real time QR generator which takes in the input as string and responds with a data URL.
 - Using Axios, a promise based HTTP client to take in the data URL to convert the image into a Base64 format and return back the res as rendered image.
- Tech Stack: **nodeJS(ExpressJS)**, **EJS**, **CSS**, **goQR Generator**, **Axios Client**, **Postman API Client**, **WSL**