○ **devraj4522**

in **dev-raj-s-80871b12b**

(+91) 9122604819
rehansingh.4522@gmail.com

DEV RAJ SINGH

SKILLS

- **Strong Areas:** Data Structures and Algorithms, OOPS, OS, SQL, REST API.

- **Languages and Tools :** C++, Java, Python, JavaScript, Django, Flask, MySQL, Redis, Selenium, Mongo DB, Express js, Node js, GIT, React, Redux, Docker, Prototyping, AWS, HTML, CSS, CI/CD.

EXPERIENCE

CARE FI　　　　　　　　　**SOFTWARE DEVELOPER INTERN**　　　　**Oct 2022 – May 2022**
- Designed and implemented an enterprise healthcare fintech application using Python, Redis, AWS, ORM, and React.
- Collaborated with the core API design team, reporting directly to the CTO. Optimized query and database indexing, resulting in a **60% reduction** in the number of database calls. Implemented an extra layer of security for storing critical user information, incorporating data validation and caching with Redis. Developed React views for API data, utilizing tables, flyers, charts, and facilitating conversions to various formats such as CSV and Excel.
- Enhanced API performance by **20%** and created financial portfolio of user, underwriter, sales and operation team.

NIRMITEE　　　　　　　　**BACKEND DEVELOPER INTERN**　　　　**Dec 2021 – Apr 2022**
- Build full-stack client application for movie tickets data parsing, dashboard with detailed report, and implemented marketing units like cashback system, coupon codes, flyers etc, using Python and JavaScript.
- Aided the product team on RESTful API development, enhanced user engagement reduced page load time.

THE YUVAS　　　　　　　**WEB DEVELOPER (SELF EMPLOYED)**　　　　**Mar 2020 – 2022**
- Built a Job portal (hobby project) and a blog to create content for programming community, hosted on Digital Ocean.
- **Tech:** Python, HTML, CSS, JS, PostgreSQL, Google Analytics
- Generated a traffic of 15k users (February stats.) by building a community of coding and published 100+ job posts.

TECHNICAL PROJECTS

GREENIE　　　　　　　　**Online Plant Store**　　　　　　　**June 2022**
- A **full-stack web app** for selling plants online, **50+** plants registered, payment gateway, access to orders and dashboard.
- **REST API** created with Python and Django, deployed to cloud, worked on MySQL database and secure-auth.
- Frontend with JavaScript & Developed using REACT functional components, props, hooks, and state.
- Implemented **software design process**, OOP design, database modeling and design. **Site Link, API Link, Frontend Link**

EASY-PG　　　　　　　　**A PG Rental Site (MERN Project)**　　　**Jan 2022 - Feb 2022**
- Developed a PG management system with search filter, review, token authentication and state management facilities.
- **Tech:** Node.js | Express.js | Mongo DB | React | Redux | MaterialUI, **Site Link, GitHub Link**

MOVIE SPICY　　　　　　**Mobile App**　　　　　　　**Jan 2020 – Mar 2020**
- A native app that offers browsing movies, finding interests for watching on weekend with using React Native. **Github**

EDUCATION

Kolkata, India	Techno Main Salt Lake – (MAKAUT University)	May 2019 – May 2023
Bachelor of Technology	Computer Science and Engineering	CGPA: 8.7

ACHIEVEMENTS

- **THE MAGIC BOOKSHELF** - The 2nd place winner at Rowdy Hacks hackathon for creating an online book exchange community, cater to full-time students with textbooks, held by University of Texas and MLH.
- Devised using Flask, MySQL and JavaScript with a team of 3 developers (**Watch on YouTube**).
- **SFSU Hacks** - Winner for Best Use of Aut0 and best ML hack for creating **DementAi** for early prediction of dementia, with a team of 4 using Python, Flask, JS, ML etc., held virtually by SFSU and MLH.
- Pre-finalist at **Smart India Hackathon 2022** (Software Edition).
- Solved **600+** programming problems: **LeetCode, HackerRank.**