Ram Panpalia

panpaliaram@gmail.com | +91 9834088596

 GitHub | Linkedin

EDUCATION

BE.Hons. - Mechanical Engineering   **Nov 2021 - 2025**

Birla Institute of Technology and Sciences   *Pilani, Rajasthan*

(Data Structure & Algorithm, Object Oriented Programming, Discrete Structures in Computer Science)

SKILLS

Programming Languages	**Python** | Java | **C++** | C | **JavaScript** | SQL
Libraries/Technologies	**React.JS** | Node.JS | React Native | **Django** | Firebase | MongoDB
DevOps/Cloud Tools used	AWS EC2 | **Git** | Jenkins | Docker

ACHIEVEMENTS

- **Specialist** on CodeForces with a rating of **1530**.
- Solved a total **600+** questions on LeetCode alone. (Max. Streak of 150+ days, 11 badges, Rating 1800+)
- Rating of **1849 (4 Star)** on CodeChef
- JEE Mains - was among top 2% from around 8.5 lakh total students.
- MHT-CET - was among top 1% from around 5.5 lakh total students.

EXPERIENCE

Happay(CRED)   **July 2024 - Present**

SDE Intern   *Bangalore, Karnataka*

- Redesigned User Access Management (UAM) APIs for **HDFC Bank**, implemented **re-captcha on the operations login portal**.
- Resolved **race conditions during model creation** using **redis lock** to avoid creation of duplicates.
- Developed **multithreaded Python scripts** for efficient task automation, **optimized existing APIs** to enhance responsiveness and **reduce runtime**.
- Built **Celery tasks** with **cron jobs** to automate workflows, including sending reminders for expiring purchase orders, updating statuses of expired orders, and notifying developers of city creation.
- Added **notification features for critical events** and **automated developer email alerts** for certain tasks.

Heliverse   **Oct 2023 - Dec 2023**

Full Stack Developer Intern, (MERN stack)   *Remote*

- Generated financial plan for a user analyzing the chat from a chatbot.
- Managed storing of data and sending the financial plan through a PDF report**(using pdfkit npm package)** to users via email **(using nodemailer)** having HTML format.

Seller Setu   **June 2023 - Sept 2023**

ReactJS Developer Intern   *Remote*

- Single-handedly developed **landing page** for the startup in ReactJS deployed at sellersetu.in.
- Developed a dashboard in ReactJS used to **manage and analyze shops** and sell products on **ONDC platform**.
- It has various features such as add products, track the products in the shops and also edit shop details.

Shalaka Connected Devices   **May 2023 - July 2023**

FullStack Developer Developer Intern   *Remote*

- Developed a **Fullstack(MERN) application to manage the MQTT broker data** published by sensors.
- **Hosted the entire application on AWS EC2 instance.**

Dque/Quicreds   **April 2023 - Sept 2023**

ReactJS Developer Intern   *Remote*

- Developed a **billing software** in **ReactJS** which had various features like history, charts, add product, dashboard of sales, etc
- Developed a **college side dashboard** to access the data for food given on credit to students.
- Developed **landing page** for the start-up in **ReactJS**

NOTABLE PROJECTS

Portfolio Website   **Present**

ReactJS, Firebase

Raged Fingers   **Apr 2022 - Apr 2022**

HTML/CSS/JavaScript

- Useful to test typing speed. Shows live stats of typing speed such as WPM, CPM and mistakes while typing.

E-commerce Website   **Dec 2024**

ReactJS, NodeJS

COURSES

Product Management Course   **Dec 2024**

Udemy