

PARAMHANS SINGH

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in paramhans-singh13

Paramhans-Singh

Portfolio

PROFESSIONAL EXPERIENCE

Research And Development Intern

CFEES-DRDO

May 2023 – Aug 2023 New Delhi, India

- Spearheaded the implementation of **Cuckoo sandbox technology** for malware analysis, resulting in a **60% reduction** in successful cyberattacks.
- Analyzed malicious files and made a **5% decrease in malware infections**.
- Got **2 Letter of Recommendation** from the University and DRDO for the **Research Work**.

Software Developer Intern

Squareboat

Apr 2023 – June 2023 Gurugram, India

- Teamed up with development team to improve different facets of the project, leading to an impressive **25% decrease in the number of bugs**.
- Implemented advanced **React-Redux** concepts to achieve a **15% enhancement** in performance. Worked on **React Js**, and **Node Js**.

Front-End Web Developer

Turing

Dec 2022 – Jan 2023 Noida, India

- Worked on **React JS** and Design Client-side and Server-side architecture, making an overall **increase of 25% in sales**.
- Connected **Back-End APIs** to display data using the Custom Components and **Redux**.

PROJECTS

INDchat

Link to Project

- Designed a **Personal Chat Room** resembling Facebook for socializing with friends, employing **ReactJS** for the front end and **Socket.io** for real-time communication.
- Implemented features allowing users to establish **Chat Groups**, with capability to invite others increase **80% in user engagement** observed, with **Emojis Support** integrated, resulting in a **30% rise** in user satisfaction.
- Tech Stacks:** **Socket.io**, **Chakara UI**, **React Js**, **Node Js**, **Express Js**, **Redux**, **Tailwind**, and **MongoDB**.

GrubHub

Link to Project

- Developed an innovative **Food Delivery Website**, with a user-friendly interface resulting in a **20% reduction in bounce rates**, utilizing **React.js** and **Material UI**.
- Incorporated features like **JWT Authentication** and **Stripe Payment Gateway Integration** leading to a **40% increase** in successful transactions.
- Tech Stacks:** **Stripe**, **Material UI**, **React Js**, **Node Js**, **Redux**, **Express Js**, and **MongoDB**.

PROFILES

- Leetcode: [paramsingh03](#)
- CodeChef: [paramhanssingh](#)
- HackerRank: [paramsingh1303](#)

ACHIEVEMENTS

- Selected for **Onsite Mitacs Research Intern in Canada** among **70 students** out of **75000+** participants.
- Solved **300+ Data Structures & Algorithm** problems on Leetcode/GFG
- Secured **19 Rank** under **University Rankings**.
- Ranked 54** in CodeChef Starters-117 among 25000+ participants
- Was in TOP 20** in **GSSOC/Hacktoberfest** - Open Source Events.

CERTIFICATIONS

- Intro to Machine Learning** 24 Feb 2024
- Full Stack Development & All Other** 15 Mar 2023

SKILLS

Languages: Java(Core), Python, C++, C, SQL

Tech Stack: React JS, Node JS, Express JS, Redux, React-Native, Next JS, TypeScript

Databases: MongoDB, Firebase, MySQL

Web: HTML5, CSS3, JavaScript, AJAX, jQuery, JSON, WebSocket-Server, Socket.io, Tailwind-CSS, Git, GitHub

Data Analytics: Power-BI, Excel, Seaborn

ML & DL: TensorFlow, Scikit, Matplotlib, Numpy, Pandas, Neural Networks - CNN

OS: Ubuntu, Linux, Fedora

Data Structures, Algorithms, Cybersecurity, AI, Machine Learning (ML), Deep-Learning, NLP

EDUCATION

B.Tech - Information Technology (2025 Passout)

Guru Gobind Singh Indraprastha University

Dec 2021 - Present

CGPA : 9.46

Richmond Global School-12th CBSE

Mar 2020 - July 2021

Percentage: 95.2

SENSE OF RESPONSIBILITY

- Microsoft Learn Student Ambassador** (Sep 2022- Aug 2023)
- GitHub Global Campus Expert** (Feb 2022- Jan 2023)