

# PARAMHANS SINGH

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in paramhans-singh13

Paramhans-Singh

Portfolio

## PROFESSIONAL EXPERIENCE

### Research And Development Intern | [Certificate 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 and ensuring a secure web environment
- Analyzed malicious files and made a **5% decrease in malware infections** and a corresponding **10% reduction** in unauthorized access attempts
- Got **2 Letter of Recommendation** from the University and DRDO for the [research work](#).

### Software Developer Intern | [Certificate 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 | [Certificate Turing](#)

Dec 2022 – Jan 2023 Noida, India

- Worked on an E-commerce website and created features using **React JS**. 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 like Facebook to hang out with friends using **ReactJS** and **Socket.io**
- Users can create **Chat Groups** and invite others with **Emojis Support**.
- Added **JWT**, **Google Auth**, and **Socket.io** for real-time communication among the users.
- Tech Stacks:** **React Js**, **Node Js**, **Express Js**, **Redux**, **Tailwind**, and **MongoDB**.

### GrubHub

[Link to Project](#)

- Developed an innovative Food-Delivery website enabling users to place food orders seamlessly.
- Created an interactive **user interface** with **React.js** and implemented a sturdy backend using **Node.js** and **Express.js** for enhanced performance.
- Tech Stacks:** **React Js**, **Node Js**, **Express Js** and **MongoDB**.

## PROFILES

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

## ACHIEVEMENTS

- GitHub Global Campus Expert and Microsoft Learn Student Ambassador
- Solved **300+** **Data Structures** and 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.

## PUBLICATIONS

- [Trees-Data Structure](#) : FAUN Publication
- [Graph-Data Structure](#) : CodeX Publication

## SKILLS

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

Tech Stack: MongoDB, Express JS, React JS, Node JS, Redux, Next JS

Web: HTML5, CSS3, JavaScript, AJAX, jQuery, JSON, Java Spring, WebSocket-Server

Databases: MongoDB, Firebase, MySql, SQL, MariaDB

Web-Frameworks: Laravel, Solid, Babylon.js

UI Tools: Bootstrap, Tailwind-CSS, Webpack

OS: Ubuntu, Linux, Fedora

Platforms: Git, GitHub, Vercel, Heroku, VS Code

Data Structures, Algorithms, Cybersecurity, AI, Machine Learning (ML), 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)