

PARAMHANS SINGH

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in [paramhans-singh13](#)

🔗 [Paramhans-Singh](#)

📁 [Portfolio](#)

PROFESSIONAL EXPERIENCE

Foreign Research Intern

[Mitacs GRI](#)

📅 May 2024 – July 2024

📍 Toronto, Canada, Onsite

- Conducting research on cross-device simulations and collaborative applications, leveraging the **MERN stack** and **Machine Learning**
- Spearheaded enhancing connection stability between diverse devices with improved authentication methods; streamlined access control reduced unauthorized access attempts by over 30 incidents monthly across all systems tested.

Software Developer Intern

[Turing](#)

📅 Apr 2023 – June 2023

📍 USA, Remote

- Designed and implemented Client-side and Server-side architecture using React JS, **resulting in up to a 25% increase** in sales through improved user experience
- Integrated Back-End APIs to dynamically display data using Custom Components and Redux

Data Analysis Intern

[Squareboat](#)

📅 Dec 2022 – Jan 2023

📍 Gurugram, India

- Implemented a robust anomaly detection system using Python for web scraping and analysis, accurately identifying **outliers across 7 financial sectors** in a three-month data range.
- Conducted in-depth data analysis using Python, extracting actionable insights from a dataset of over 20,000 records for streamlining decision-making processes.

PROJECTS

SnapSecure: ANPR System with Face Detection

[Link to Project](#)

- Engineered a dual detection system by integrating YOLO V5 for high-precision object detection and Haar Cascades for efficient face detection, **achieving a 95% accuracy rate**.
- Real-time Automatic Number Plate Recognition (ANPR) system with integrated face detection.
- **Tech Stacks:** OpenCV, OCR, FaceNet, dlib, Tensorflow, Yolo

INDchat : Real-Time Chat Website

[Link to Project](#)

- Designed Personal Chat Rooms for seamless socializing using Socket.io, enabling real-time communication with 30% minimal latency.
- **Tech Stacks:** Socket.io, Chakara UI, React Js, Node Js, Express Js, Redux, Tailwind, and MongoDB

PROFILES

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

ACHIEVEMENTS

- Selected for **Foreign Onsite Research Intern in Canada** among 70 out of 75000+ students
- Solved **300+ Data Structures & Algorithm problems** on Leetcode/GFG
- Secured **19 Rank** under University Rankings with **9.41 CGPA**.
- **Ranked 54** in CodeChef Starters-117 among 25000+ participants

SKILLS

Languages: C, C#, C++, Java, Python, SQL, JavaScript, OOPS

Tech Stack: Microsoft .NET, ASP.NET, MVC, WebAPI, .NET Framework, React JS, Node JS, Express JS, Redux, React-Native, Next JS

Databases: MongoDB, Firebase, MySQL, SQL Server

Web: HTML5, CSS3, JavaScript, RESTful APIs, jQuery, Socket.io Git, GitHub

Data Analytics: Scikit, Matplotlib, Numpy, Pandas, Excel, Seaborn

Code Analysis, Automated Testing, Web Services, Micro Services, Microsoft Office, Azure, Data Structures, Algorithms, AI, Machine Learning (ML), Deep-Learning

EDUCATION

B.Tech - Information Technology (2025 Passout)

Guru Gobind Singh Indraprastha University

📅 Dec 2021 - Present

CGPA : 9.41

Richmondd Global School-12th CBSE

📅 Mar 2020 - July 2021

Percentage: 95.2

SENSE OF RESPONSIBILTY

- **Microsoft Student Ambassador** (Sep 2022 - Aug 2023)
- **GitHub Global Campus Expert** (Feb 2022 - Jan 2023)
- **Web-Dev Mentor - GDSC MAIT** (Aug 2023 - Sept 2024)