

# PARAMVIR SINGH

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**Portfolio:** [paramvir109.github.io](https://paramvir109.github.io)  
**DOB :** 1<sup>st</sup> January 1999

## EXPERIENCE

### Coding Ninjas, New Delhi — *Teaching Assistant*

DECEMBER 2018 - APRIL 2019

- Solved data structures and algorithms doubts of students taking an online course for JAVA DS and Algorithms.
- Helped in solving questions, debugging codes and developing a proper understanding of the OOPs concepts for various students.

### Tata Communications Ltd., New Delhi — *Training*

DECEMBER 2017 - JANUARY 2017

- Learnt about WiMAX and DWDM communication technologies along with the use of optical fibers.
- Familiarized myself with their operations and data centers.

## PROJECTS

### My-Quora ↗ [Github Link](#)

A platform for users to ask and answer questions. Built using [Socket.io](#) on [Node.js](#). Signing up and login using token based authentication. [MongoDB](#) used as a database service

### Chat Room ↗ [Github Link](#)

A chat room app made using [real-time websockets](#) connection and live location can be shared which is implemented using [javascript's geolocation](#) object.

### Hangman & Quiz ↗ [Github Link](#)

A website built using [jQuery](#)(For DOM manipulation), [HTML](#), [CSS](#) and [Javascript](#) where you can play any of the two games. Express.js is used to serve static files

### Expensify ↗ [Github Link](#)

A web app made on [React](#) to manage your daily expenses. [Firebase](#) is used for database service and every user logs in through google authentication.

## CONTRIBUTIONS

### Google Developer Student Club(Core team member)

- Worked on the portfolio website for the Club, took initiative and conducted workshops on introduction to web development for budding developers and students which accounted participation of 50-60 students from different colleges.

### International Organisation of Software Developers(IOSD)

- Was a member of the PR team and helped in organising various hackathons and events. Displayed positive team spirit and worked collaboratively.

## SKILLS

Java Javascript HTML CSS C++

- Web Development(Current):** Backend using NodeJS and MongoDB and SQL Database, Worked on Frontend technologies like ReactJS. Worked on Electron.js to make cross platform apps
- Past Skills and Experiences(In first year, 2017-2018) :** Python, Basics of Android App Development and automation using Selenium framework
  - Made stone paper scissors using python, WhatsApp and FB automation in Selenium.
  - Worked on REST APIs, NYT and Unsplash API to display images and news articles based on word searched.

## EDUCATION

### Delhi Technological University, *B.Tech. in Computer Science*

August 2017 - July 2021

CGPA : 9.40 (Upto 4th Sem).

### Ahlcon Public School, Mayur Vihar *Senior Secondary*

2002-2017

Class XII: 93.1%

Class X: 10 CGPA

## COURSES

- Data Structures & Algorithm Design
- Database Management Systems
- Operating Systems

## CO-CURRICULAR

- Participation in various programming contests – Google HashCode (**World Rank -3105**) Snackdown(Round 1B Rank - 3612, HackerCup (Cleared qualification round) , Codevita (Secured 843 Rank in Round 1).
- 2nd position** in Inter Dept (Basketball).
- Hobbies : Basketball, Table Tennis, EDM music.