# Divyansh Gupta

**in** Leetcode

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## EDUCATION

**Punjab Engineering College** — Chandigarh, Punjab
*B.Tech in Electrical Engineering , Minor in CSE; CGPA: 7.63* — *July 2019 – May 2023*

**SRN International School** — Jaipur, Rajasthan
$12^{th}$ *Class (CBSE); Percentage: 85.6%* — *2017 – 2019*

## WORK EXPERIENCE

**Samsung Research Institute Bangalore** — Bangalore, Karnataka
*Software Developer Intern* — *May 2022 - July 2022*

- Learnt about 2G GSM architecture
- Implemented Mobile Originated Call and Mobile Terminated Call and their performance testing.

## PROJECTS

- **QR-Based Ticketing System**:
  - Web app that allows users to register for **sessions** and receive a **unique QR code via email**
  - Implemented using **Flask** and used **SQL** database for backend
  - Analyzed the project with **UML** and **DFD** Diagrams
- **File Zipper**:
  - Lossless **compression** and **decompression** based on Huffman-Coding
  - Implemented using Priority Queue, HashMaps, and Binary Trees
  - Without sacrificing data, it can reduce space by up to **15%**.

## SKILLS

- **Languages**: C++, JavaScript, C, HTML, CSS, Python
- **Frameworks & Databases**: Flask, Node.JS, SQL
- **Core Subjects**: Data Structures, Operating System, DBMS, Computer Networks, Software Engineering, Algorithm Design

## ACHIEVEMENTS

- Highest Rating on Leetcode: **1700**, Solved **550+** problems on **Leetcode**
- Global Rank of **406** out of **10231** participants in Biweekly Contest 52 at Leetcode
- Global Rank of **622** out of **11345** participants in Biweekly Contest 59 at Leetcode
- Global Rank **13** out of 2000+ participants in May Cook-off at **Codechef**
- Global Rank of 432 out of 7000+ participants in Cook-Off at Codechef
- Selected for the **AMTI India NMTC** Stage 1 competition in 2019. I was one of 1,000 candidates chosen from over 1 lakh applicants.

## EXTRA CURRICULAR AND RESPONSIBILITIES

- **Exito (Founder)**: Small business idea to deliver cheaper snacks to college students living in hostels.
- **Pecfest 2022 (Co-Head)**: Responsible for coordinating team of 40+ students for Annual Fest held in November 2022