

# Gunjan Raj Tiwari

Explorer and a learner

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## WORK EXPERIENCE

### Dev Darshan | Software Developer Intern

Oct 2020 - March 2021

- NodeJS, Firebase, TypeScript, JavaScript, HTML, CSS.
- Made the **notification system** in the backend which acquired user engagement by 80%.
- Implemented first time **Server Side Rendering** and then Client Side to improve **performance & SEO** by more than 100%.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering — Vellore Institute of Technology, Vellore

July 2023 | CGPA: 9.15

### High School(XII)— NEB, The Times Int'l College, Kathmandu

2019 | GPA: 3.64 / 4

## PROJECTS

### Names Clash | Chat with people with the same names.

April 2021 | NodeJS, MongoDB, Socket.io, EJS

- A webapp where people with the same names can chat in a room inspired from Josh Fight.
- Implemented **Google OAuth2**, and **socket** connection with **socket.io**.
- [Live](#) | [Code](#)

### Four Space | Coding and Hiring Platform

March 2021 | NodeJS, PostgreSQL, JavaScript, CSS, HTML

- Four Space is a website where coders can compete in contests organized by different companies to hire directly.
- **Inbuilt Code Editor** to submit code and **JWT authentication**.
- [Live](#) | [Frontend](#) | [Backend](#)

### Teamemes| Backend API for simple meme social media site

Sept 2020 | NodeJS, ExpressJS, Mongoose, JWT

- **API endpoints** for all the **CRUD** operations for users and memes. Implemented **authentication** and saved images using **Multer**.
- Learned the **structure of a NodeJS application**, about **ORMs**, **middlewares** and how backend works..
- [Code](#)

### Sorting Visualizer | Sorting algorithm visualization tool

Aug 2020 | Python, Tkinter, Matplotlib

- A GUI to visualize sorting algorithms for better understanding.
- [Code](#)

## ACHIEVEMENTS

### Google Kickstart 2020— Round H

Secured **rank 2513** Worldwide.

### Google HashCode — 2021

Secured **world rank 3441** with  
8,338,036 points.

Team - Dimag Laga Pasa

### Codechef | 1863 max

4 star coder

200+ questions in Leetcode

## TECHNICAL SKILLS

- |                  |                  |
|------------------|------------------|
| • NodeJS         | • JavaScript     |
| • NoSQL          | • SQL            |
| • C++            | • HTML/CSS       |
| • Figma          | • Bootstrap      |
| • React          | • TypeScript     |
| • Git and Github | • NextJS         |
| • Java (basic)   | • Python (basic) |

## COURSES UNDERTAKEN

- Data Structures
- Algorithms
- Object Oriented Programming
- Database Management System
- Operating System

## EXTRACURRICULAR

### Technical Head (software) at

IEEE-SSIT VIT, Vellore

- Organized various workshops and a flagship event hackathon.
- Worked on various projects in the Software Team and took teaching sessions for the Juniors.

### Sr. Core Member of C.U.B.E VIT

- Took leadership as event coordinator for the flagship event.