

Gunjan Raj Tiwari

+91 9894405525 @ im.gunjan1@gmail.com

Education

VELLORE INSTITUTE OF TECHNOLOGY

B.TECH COMPUTER SCIENCE AND ENGINEERING

Jul 2023 Vellore, India

- CGPA 9.06
- Merit Scholarship
- COMPEX Scholarship

Links

Portfolio **Gunjan Raj Tiwari**
in LinkedIn **Gunjan Raj Tiwari**
Codeforces **GunZaaN**
</> Leetcode **GunZaaN**
GitHub **GunjanRajTiwari**

Coursework

UNDERGRADUATE

Data Structures and Algorithms
Object Oriented Programming
Operating Systems
Database Management Systems
Network and Communication
Software Engineering
Cloud Computing

Skills

PROGRAMMING

C / C++ • JavaScript • Java • Python • HTML/CSS • PHP • SQL

TECHNOLOGIES

Node JS • React JS • Mongodb • Git / Github • Firebase • Figma • REST

Extracurricular

TECHNICAL HEAD (SOFTWARE)

IEEE - SSIT

- Organized various workshops and a flagship event: H4C hackathon.
- Worked on various projects in the Software Team and took teaching sessions for the Juniors.

Experience

RESEARCH INTERN

SAMSUNG PRISM

May 2022 – Present Remote

- Studying about cryptography end to end encryption systems.
- Exploring post quantum algorithms for end to end encryption.

SOFTWARE DEVELOPER INTERN

DEV DARSHAN

Oct 2020 – Mar 2021 Delhi, Remote

- NodeJS, Firebase, TypeScript, JavaScript, HTML, CSS.
- Created the notification system in the backend which acquired user engagement by 2 times.
- Implemented first time Server Side Rendering and then Client Side to improve performance by 20% & SEO by more than 50%.
- Coded REST APIs and automated scripts to rank templates.

Achievements

GOOGLE KICKSTART

2021 Round H

- Secured Rank: **616** worldwide and Country Rank: **1** from Nepal.

GOOGLE HASHCODE

2022

- Secured Rank: **2884** worldwide and Country Rank: **3** from Nepal.

CODEFORCES

Present

- Specialist** in Codeforces with maximum rating of **1481**.

LEETCODE

Present

- Knight** with maximum rating of **1938** with 450+ problems solved.

Projects

JIFFTY | A Video Sharing Platform

NODEJS, REACTJS, MONGODB

Mar 2022

Demo

- API endpoints** for all the CRUD operations for users and videos. Implemented Google Authentication and saved videos using Multer to **cloud storage**.
- Learned the structure of a MERN application, handling videos.

FOURSPACE | A Coding platform

NODEJS, HTML/CSS/JS, POSTGRES SQL

Apr 2021

Demo

- 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.

NAMESCLASH | A chat application

NODEJS, EJS, MONGODB, SOCKET.IO

Mar 2021

Demo

- A web-app where people with the same names can chat in a room inspired from Josh Fight.
- Implemented **Google OAuth2**, and **socket** connection with socket.io.