

MANAN PRAKASH SINGH

Ghaziabad, Uttar Pradesh

☎ +91-8178610509 ✉ mananprakash3078@gmail.com [in/Manan-Prakash-Singh](https://www.linkedin.com/in/Manan-Prakash-Singh) [Manan-Prakash-Singh](https://github.com/Manan-Prakash-Singh)

EDUCATION

Indian Institute of Technology, Jammu

Nov 2020 – June 2024

B.Tech Computer Science Engineering - CGPA - 7.50

Jammu, India

DLF Public School

2018 – 2020

12th Standard - Percentage - 95.4%

UP, India

DLF Public School

2005 – 2018

10th Standard - Percentage - 93.3%

UP, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- OOPS Concept
- Operating Systems
- Machine Learning
- Web Development
- Computer Networks
- Software Engineering

PROJECTS

Blaze-HTTP [↗](#) | [C](#), [Linux](#), [TCP-IP](#)

June 2023

- Developed an event-driven, asynchronous web-server designed for high performance
- Designed for serving large files in high concurrent environment
- Proficient in serving static web-pages quickly and efficiently

Leetcode-Go [↗](#) | [Golang](#), [GraphQL](#)

June 2023

- Created a command-line utility for downloading and submitting Leetcode problems
- Utilized Leetcode GraphQL API for simplified retrieval and posting of data
- Tested and verified the functionality for the program before final deployment

Web Chat App [↗](#) | [HTML](#), [CSS](#), [Javascript](#), [Nodejs](#), [Socket.io](#)

July 2022

- Developed an interactive Chat App using HTML, CSS, JavaScript and Nodejs.
- Implemented Socket.io API for real-time messaging and synchronization between users.
- Enabled multiple user interaction with the application.

Online Library API [↗](#) | [Golang](#), [PostgreSQL](#), [Gin](#)

July 2023

- Developed a backend web service that provides RESTful API for an online library in Golang
- Implemented RESTful endpoints enable users to interact with the library, browse, search, and manage books, authors, genres, and user accounts
- Utilized JWT for seamless user authentication and authorization.

Real Estate Website [↗](#) | [HTML](#), [CSS](#), [Javascript](#), [Nodejs](#), [Reactjs](#), [MongoDB](#)

Sept 2023

- Developed a full stack real estate website using React, Express and MongoDB.
- Utilized Auth0 for user authentication and authorization.
- Enabled multiple user interaction with the application.

TECHNICAL SKILLS

Languages: C, C++, Python, TypeScript, JavaScript, Rust, Go

Technologies/Frameworks: Linux, Docker, GitHub, ReactJS, NextJS, NodeJS, ExpressJS, Git, JQuery, TailwindCSS

Databases: MongoDB, MySQL, PostgreSQL, Redis

Developer Tools: VS Code, Git, Linux, Neovim, Vim, Cmake, Make