

Monu Dixit

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EDUCATION

Netaji Subhas University of Technology

B.Tech (Computer Science (Mathematics And Computing)) - CGPA: 7.52

New Delhi, India

2020 - present

Government Boys Senior Secondary School

CBSE - Class XII - Percentage: 81.0%

New Delhi, India

2018 - 2019

EXPERIENCE

Ashvi IT Solutions Private Limited

Worked as a Backend Developer

February-March 2023

Remote

- Collaborated seamlessly with frontend teams, implementing Agile methodologies to enhance project efficiency.

SKILLS SUMMARY

Languages : Python, C++, HTML, CSS, JavaScript, PHP

Tools/Frameworks : Experienced with GitHub, Git, Windows, Node.js, React.js, Bootstrap, MongoDB, MySQL, and Postman.

Coursework : Covered essential topics including Data Structures and Algorithms, Operating Systems, Object-Oriented Programming (OOP), DBMS, and Computer Networks.

Familiar with : Familiarity with Big Data and Hadoop architecture, as well as data warehouse management.

PROJECTS

Delhi Metro Route Finder

Github

- Designed and developed a route finder that finds the shortest route between two stations in Delhi Metro using **Dijkstra's Algorithm**.
- Implemented features such as **Approximate journey time, Number of Stations, Number of interchanges, Distance, Platform number, and Landmarks**.
- Reduced response time approximately **50%**
- **Tech Used:** HTML, CSS, JavaScript, **Dijkstra's Algorithm**

LearnFlow

Github

- Built a full-stack web application with **OAuth 2.0 authentication** reduced sign-in/signup time by 83%.
- Implemented a role-based access control system, differentiating between "Creator" and "Student" roles
- Supports infinite commenting
- **Tech Used:** HTML, CSS, JavaScript, Node js, AWS s3, CDN, MongoDB, **EJS**

Note+ Application

Github

- Developed a file, note sharing application
- Incorporated interactive functionalities, including the ability to **send friend requests, and share notes with friends**
- Created using **NodeJS, Express JS, MySQL, HTML, Bootstrap, and JWT**

ACHIEVEMENTS

- **Leetcode:** Highest Rating(**Knight**, 1957), achieved **773** out of **24000+** in Weekly 354
- **Leetcode:** Solved **800+** DSA problems
- **Coding Ninja, Codekaze September, 2023:** Achieved an All India rank **398** among **1lac+** participants
- Selected in **Top 3** Teams in school for state-level Science exhibition, designed an **Anti-theft E-rickshaw charging alarm**

EXTRACURRICULARS

Team Kalpana - Aeronautic Society of NSUT

Sept 2021 - 2022

Served in multiple leadership roles, including Student Acquisition and Problem Setter.

- Conducted interviews for freshers
- Part of online/offline SIGs for **over 50 students**
- Organised Technical event **Escape Room** during Moksha(Cultural Fest of NSUT) with **250+ participants**