Divyalok Jaiswal

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Education

Course Name	Duration	University/Board	Percentage/CGPA
B.Tech. Polymer Science and Chemical Technology	2018-2022	Delhi Technological University	7.98 CGPA
AISSCE (Class XII)	2016-2017	CBSE	81.3%
AISCE (Class X)	2014-2015	CBSE	8.0 CGPA

Work Experience

Teaching Assistant, *Coding Ninjas*   **Apr 2020 – Aug 2020**
- o Solved **500+** doubts related to various data structures and algorithm problems using **C++.**
- o Evaluated students' performance and helped them with their projects, assignments and debugging.

Research Intern, *Software Engineering Department, DTU*   **Jun 2021 –Aug 2021**
- o Learned and implemented various machine learning algorithms.
- o Created a **CNN** model for software defect prediction using NASA's data from PROMISE Software Engineering and achieved an accuracy of **92%**.

Projects

CHITCHAT [Link**]**   **May 2021 – Jun 2021**
- o Created a real-time **chatting application** using Express. Used **Socket.io** for implementing messenger and **Axios** for asynchronous data transfer.
- o Used **Mongoose** for creating database schemas and implemented **friend request system** structure. Also implemented user-authentication using **PassportJS.**

TELL THE TALE [Link**]**   **Jul 2020 – Jan 2021**
- o Build a **social media web application** using **Express.**
- o Implemented all **CRUD** functionalities with user-authentication features (login, logout, register). Used **Gulp** as the bundler and **Morgan** for logging.
- o The application uses **EJS** as the templating engine and **SASS** for pre-processor scripting.

COMPILEKAR [Link**]**   **Jul 2021 – Present**
- o Programmed a code editor and compiler application using **ReactJS.**
- o Used the **Ace API** as code editor and **JDoodle** for compiling.

DO IT [Link**]**   **Jul 2020 – Jul 2020**
- o Built a to-do list app using **Express** for adding and deleting tasks.
- o Used **EJS** as the templating engine and **Mongoose** for database handling.

Technical Skills

Languages: C/C++, Javascript, Python
Web Development: ReactJS, NodeJS, ExpressJS, MongoDB, Mongoose, Ajax, Jquery, SASS, Socket.io, PassportJS
Machine Learning: Matplotlib, Scikit Learn, Pandas, NumPy, XGBoost, Keras
Others: Git, GitHub, VS Code, Jupyter Notebook, DBMS, Operating Systems, Computer Networks

Achievements

- o Rated **1938 (Knight)** on **LeetCode**
- o Rated **1849 (4 Star)** on **CodeChef**
- o Ranked **375** among **13000+** participants in **LeetCode Weekly Contest 248**
- o Ranked **652** among **13000+** participants in **LeetCode Weekly Contest 251**
- o Ranked **755** among **19000+** participants in **CodeChef December Long 2020**
- o Qualified Facebook Hacker Cup

Profiles

LeetCode (Practice) • LeetCode (Contest) • SPOJ • CodeChef • HackerRank • Codeforces • LinkedIn • GitHub