Navneet Taunk

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EDUCATION

Indian Institute of Technology (BHU), Varanasi

Bachelor of Technology in Computer Science   *2018 - 2022*

- GPA: 9.26

EXPERIENCE

JP Morgan Chase and Co.   June 2021 – July 2021

Software Engineering Intern

- Designed and implemented the logic for task-time prediction for tracking the SLA using historical data
- Developed the complete backend for the same in Spring, wrote necessary APIs for handling the web requests
- Wrote unit tests using JUnit framework and prepared the necessary documentation in Confluence
- **Exposure**: Java, Spring, JUnit, Git, SQL

PROJECTS

Fog Computing System for Remote Health Monitoring   Jan 2021 – May 2021

- Proposed a criticality and utility-aware remote health monitoring system in a fog computing environment
- Formulated a utility function depending on the patients' cost and the medical center's profit
- Devised a swapping-based heuristic to maximize the system utility and achieved 96% of the optimal value
- **Exposure**: Python, Fog Computing, IBM ILOG CPLEX

School Management System   Aug 2020 – Nov 2020

- Developed a web application for School Management System using Spring Boot framework and MVC architecture
- Started from writing down the requirements, build ER Model and then converted it into relational schema
- Used MySQL database, wrote SQL queries to support CRUD operations and Spring Security for authentication
- **Exposure**: Spring, Java, MySQL, HTML/CSS

Blood Donation Management System   Aug 2019 - Nov 2019

- Created a website for Blood Donation Management System using Django Framework
- Provided basic functionalities for both patients and donors and supported search mechanism
- Integrated Google Maps to show the locations of blood banks and used MySQL as the database
- **Exposure**: Django, Python, MySQL, HTML/CSS

SKILLS

Languages: C, C++, Java, Python, HTML, CSS, SQL.
Tools and Technologies: Spring, Git, MySQL, Django.
Interests: Competitive Programming, Data Structures and Algorithms, Software Development

HONOURS AND ACHIEVEMENTS

Competitive Programming

- **5 star (2056)** on Codechef and **Expert (1854)** on Codeforces
- Ranked **160th, 343rd, 410th, and 445th** in Codeforces Div2 Round #752, #761, #745 and #759
- **29th** position out of 5000+ participants in Codechef Lunchtime January 2022 (Division 2)
- **34th** position out of 3000+ participants in Codechef Starters 15 (Division 2)

Academics

- **879th** rank out of 1.5 lakh+ candidates in JEE (ADVANCED) 2018
- **1578th** rank out of a million candidates in JEE (MAIN) 2018
- Qualified National Standard Examination in Chemistry 2017