Vaibhav Singh

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Experience

TLE-ELIMINATOR | Intern   **12/2023 - Present**
- Guided students in competitive programming, offering doubt resolution and video solution creation.
- Mentored TLE-Eliminators participants, providing comprehensive support for problem solving and Programming challenges.

CODECHEF | Intern   **04/2022 - 08/2022**
- Clarified and resolved more than **300+ doubts** based on **data structure and algorithm**
- Received **97% positive feedback** from students for clear and innovative concept explanations.
- Enhanced my ability to **solve problems** and observe while **working independently**, fostering personal growth and skill development.

Education

JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA, INDIA   **06/2020 - 06/2024**
Bachelor of Engineering (B. Tech) in Information Technology | CGPA 7.8/10

Projects

PINTEREST CLONE
- Developed a Pinterest-inspired platform with responsive design, **REST API**, and **CRUD** for user-friendly pin creation and sharing.
- Secured **user authentication** with Passport, emphasizing data integrity.
- Optimized performance and **scalability** by integrating **AWS S3** for image hosting, ensuring seamless experiences for users.
- Maximized dynamic content with **Multer** for streamlined image uploads, fostering **scalability** and efficiency in user interactions.
  Tech Stack : Node.js, Express.js, MongoDB, EJS, AWS S3, REST API

DELHI METRO APP
- Engineered and deployed the **Dijkstra Algorithm**, to help commuting between source and destination metro stations.
- Designed an **interactive metro map**, increasing user efficiency.
- Ensured quality assurance by **debugging** and conducting **500+ tests**, **fixing 50+ issues for** reliable projects.
- Tech Stack : Java, Data Structures and Algorithms

PORTFOLIO-WEBSITE
- Crafted a **responsive portfolio website** with a distinctive theme, showcasing diverse design skills..
- Integrated **Nodemailer** for user communication, allowing seamless messaging on the website.
- Tech Stack : Nodejs, Express.js, EJS, Tailwind CSS

Achievements

- **Codeforces:** Achieved a peak **rating of 1678** (top 0.5%) ranking as an **Expert**.
- **LeetCode:** Attained a top 1% ranking with a **highest rating 2131** on leetcode.
- **Google Kickstart** : Secured global rankings of **1134 (AIR 998) in round** D, 2022, and **1270 (AIR 1101) in round G**, 2022.
- **Codechef** : Earned a **4-Star** rating with a **maximum rating of 1855.**
- Secured **global rank 1401** in **TCS Codevita Season-10.**
- Solved more than 2500+ **problems** on various coding platforms.

Skills

- **Programming Languages :** Java, C++, C, Javascript, Apex, SQL, HTML, CSS, Python.
- **Frameworks and Tools:** React.js, Node.js, Bootstrap, MongoDB, Postman, Express.js, REST API, Git, Github, Docker.
- **Cloud:** AWS EC2, S3