Vinayak Kakkar

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SKILLS

PROGRAMMING
Over 2000 lines

- Node.js
- HTML
- JavaScript
- C++
- DSA (Data Structures and Algorithms)

Familiar:

- Python
- Tailwind Css

FRAMEWORKS
Comfortable:

- Express.js
- React
- Ruby on Rails

DATABASES
Comfortable:

- MySQL
- MongoDB

EDUCATION

SBSSTC
B.Tech in CS
2018 - 2022 | Ferozepur, Punjab, India
GPA: 7.14/10

POLICE DAV
Grad. May 2018 | Ludhiana, Punjab, India
CBSE : 62 %

LINKS

LinkedIn: **Vinayak Kakkar**
Website: **Personal Website**
Github: **My Projects**
LeetCode: **Code Challenges**

EXPERIENCE

FREELANCE | Developer
June 2023 – Current | India

- Designed and implemented robust APIs using Node.js, offering employers seamless CRUD (Create, Read, Update, Delete) functionality, enhancing their ability to manage job listings and candidates efficiently.
- Engineered a feature in Node.js to automatically reassign job opportunities to other candidates if the initial candidate doesn't join within the specified timeframe, improving recruitment efficiency.
- Implemented a security feature in Node.js that enhances system protection by requiring OTP (One-Time Password) authentication, adding an extra layer of security to critical functions and data access.
- Developed a sophisticated job filtering feature in Node.js, enabling users to tailor job searches based on specific work experiences and preferences, resulting in a more personalized job search experience.

FREELANCE | Developer
March 2023 – May 2023 | India

- Developed robust APIs in Node.js for sending notifications to users, enhancing communication and engagement within the platform.
- Designed and built a user-friendly panel using React, facilitating the storage and efficient retrieval of user details. Implemented data filtering capabilities to streamline data analysis.
- Implemented a time-tracking feature in Node.js that records website load times. When load times exceed a predefined threshold, an admin receives a popup notification, enabling timely performance optimization.
- Applied Test-Driven Development methodologies to ensure that changes did not introduce new issues and that existing functionality remained intact throughout the refactoring process.

HETU LABS | Software Development Engineer
October 2022 – Feb 2023 | India

- Orchestrated end-to-end solutions by seamlessly integrating front-end and back-end technologies. Developed features like real-time vendor verification, payment filtering, and transaction insights for a holistic user experience.
- Engineered a comprehensive attendance system for coaches and players using Node.js, while also creating a class cancellation/rescheduling feature, optimizing training session management and player convenience.
- Designed and implemented an interactive customer dashboard, enabling users to select payment recipients and monitor transaction statuses in real-time. The dashboard enhanced user engagement and ease of use.
- Developed a secure admin panel using Node.js and CSS, ensuring that only authorized personnel could access critical data. Implemented admin panel routes for efficient data retrieval and management.

HETU LABS | Intern
Jan 2022 – July 2022 | India

- Collaborated with senior engineers and developers to support software application design, coding, and testing.
- Identified bugs, participated in testing and kept up-to-date with latest technologies.
- Actively contributed to team discussions, code reviews, and training programs to enhance technical skills and improve product quality.