

AVINASH CHOUDHARY

+91-9504636843 aviavinash3337@gmail.com linkedin.com/avinash

Education

Jaypee Institute Of Information Technology

Bachelor of Technology in Computer Science; CGPA :7.3

July 2019 - July 2023

Noida, India

Experience

TukaTech

July 2023 - September 2023

Software Developer Intern

Gurgaon, India

- Collaborated with a cross-functional team to enhance crucial algorithms, which led to a 30% reduction in processing time for intricate tasks in TukaStudio.
- Conducted extensive code reviews and refactoring to improve code quality and maintainability, leading to a 20% reduction in bug occurrence.
- Developed and integrated new Win32 API functions to enhance the functionality of TukaStudio, resulting in a more feature-rich application in a team of 5 members.

OrganicSattva

December 2022 - March 2023

Front End Developer Intern

Remote, India

- Employed JavaScript and JQuery to improve user interactivity, developing web pages featuring successful form validation at a rate of 95%, real-time data updates, and interactive components.
- Optimized website performance, resulting in a 40% decrease in page load times, through techniques like lazy loading, minification, and image compression, improving user involvement.
- Conducted testing and user feedback analysis, leading to a 20% increase in user engagement, and iteratively improved web page layouts and design elements.

Rapid Programming Hub

June 2021 - December 2022

Technical Coordinator

On Campus

- Orchestrated and directed 12 mentorship programs dedicated to competitive programming, providing instruction and guidance to 50+ programmers, resulting improvements in their questions solving skills and algorithmic proficiency.
- Implemented a mentoring system for competitive programming, pairing over 20 mentors with students, resulting in a significant increase in student participation in various contests such as ICPC and Codeforces.

Projects

Movie Ticketing System | Django, ReactJs, MongoDB

- Customizable Movie: Developed a Movie Ticketing System empowering users to personalize their cinema outings by selecting language, location, movies, theaters, showtimes, and dates with a team of 3 members.
- Enhanced Efficiency and Speed: As part of a collaborative effort with a team of 3, we engineered a highly responsive system by optimizing the database and APIs to provide fast query responses.

Dictionary Spell Checker | C++, Trie Data Structures

- Trie-Based Spell Checker: Created a C++ spell checker using Trie data structures with an average search time of just 0.05 seconds, supporting key operations and advanced features.
- Language Enhancement Impact: Achieved over 95% accuracy in finding related words

Kanban Board | TypeScript, ReactJs, TailwindCSS, Django

- Task Mastery in Minutes: Engineered a task management web app for rapid task categorization into columns/stages, saving users up to 30% of daily scheduling time.
- Seamless Workflow: Boost task management efficiency using a user-friendly Kanban Board, resulting in a 20% increase in productivity. This tool allows you to prioritize work, and maintain a clear, visual representation of your daily goals.

Skills

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

Database/Tools: MySQL, MongoDB, VSCode

Technologies/Frameworks: GitHub, Selenium, Jenkins, React.Js, Redux, NodeJS, Django

Achievement

- Solved more than 1500 question on Competitive Programming and DSA across various platforms.
- Specialist at Codeforces — Rating 1480

Profile

- CodeForces: mr.king.
- CodeForces: survival_001
- AtCoder: survival_001
- GeeksForGeeks: avinash