Varnika Sood

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Professional Summary

Aspiring Software Engineer with a strong foundation in web development, data structures, and algorithms, with hands-on experience in building projects using Python, JavaScript, HTML, CSS, and ReactJS. Eager to contribute to both the technical and strategic aspects of software development and business growth by building scalable software from the ground up .

Education

Chandigarh Engineering College , CGC Landran	Expected May 2026
Bachelors of Technology in Computer Science Engineering (SGPA: 7.74)	*Mohali, Punjab*
Govt. Model Senior Secondary School	2022
Intermediate -CBSE (Percentage: 88.8%)	*Chandigarh*
St. Anne's Convent School	2020
Matriculation -CBSE (Percentage: 94%)	*Chandigarh*

Experience

Makes360	June 2024 – July 2024
Student Trainee	*Mohali,Punjab*

- Participated in a comprehensive program focused on digital transformation, business leadership, and strategic development.
- Developed web applications using HTML, CSS, and JavaScript and gained experience in SEO strategy that improved organic search rankings, resulting in increase in website traffic .
- Collaborated with cross-functional teams to solve problems, applying information-retrieval algorithms and scalable infrastructure, while upholding high coding standards under pressure and strengthening teamwork, problem-solving, and leadership skills .

Projects

Github Profile Search Tool | *Javascript, Node.js, HTML, CSS, GitHub API* [Link]
- Developed a tool that allows users to search for GitHub profiles by username using the GitHub API.
- Built a responsive UI for displaying key profile information, such as the number of repositories, followers, the about section, and the GitHub profile photo.

Image To Sketch Converter | *Python ,OpenCV, Flask* [Link]
- The project allows users to manually upload an image through its path, and the generated sketch is saved in the same directory as the input image. .
- Future improvements includes integration of RESTful APIs using Flask to enable image uploads and automate the image-to-sketch conversion process, improving scalability and enabling easy web-based access. .

Unit Converter | *Javascript, HTML, CSS* [Link]
- Developed a unit Converter web app allows users to convert between length, weight, and temperature units with ease.
- Designed and implemented a user-friendly interface for accurate conversions between different units.
- Applied algorithmic logic to ensure correct and efficient calculations across multiple unit systems.

Skills

Languages: C++, Python, HTML, CSS, JavaScript **IDE** : VS Code, Jupyter Notebook
Databases: MySQL, Google Analytics 4
Concepts: Data Structures and Algorithms (C++), Problem Solving , Software Design, Database Management, Agile Development , Object Oriented Programming , UI/UX, Web Development, Data Manipulation and Analysis
Tools: Figma, MS Excel , Power BI

Soft Skills: Effective Communication Skills, Management & Coordination, Quick learning and Adaptability, Cross-functional Team Collaboration, Analytical and Research-Based Thinking

Achievements

- 1st position in Brainy Brunch (Product Launch Competition) 2023, showcasing product design and management skills .

Certifications

· Product Management Training, Internshala (2024)
· UX/UI Kickstarter workshop, growthschool.io (2024)
· The Complete Python Bootcamp From Zero to Hero in Python, Udemy, (In Progress)
· Must-Have Skills Training for Virtual Assistants,Udemy (2023)