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Varun Dixit

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https://vd02.github.io/Personal-Portfolio/

EDUCATION

Shiv Nadar University	Greater Noida, India
Bachelor of Technology in Computer Science	2020 – 2024 (Expected)

- CGPA: 8.2 out of 10
- Honors: Merit Cum Means Scholarship Recipient
- Relevant Coursework: Introduction to Computing and Programming, Data Structures and Algorithms

Swaraj India Public School	Kanpur, India
Indian School Certificate (ISC), Science Stream	2017 – 2019

- Class 12th**:** 92.4%

Indian Certificate of Secondary Examination (ICSE), Science Stream 2016 – 2017
- Class 10th**:** 92.8%

WORK EXPERIENCE

Photomath	San Mateo, California
Content Curator – Freelance	May 2020 - Present

- Creative Problem Solver and Math Expert
- Providing solutions to math problems using LaTeX and software like GeoGebra and Figma.

Swaraj India Public School	Kanpur, India
Front-end Website Developer	2019 - 2020

- Designed Front-end for the school website using HTML, CSS and JavaScript

PROJECTS

Optical Character Recognition
- JavaScript based Optical Character Recognition (OCR) tool that reads custom written input with the help of Google and Microsoft enabled voice systems with modifiable pitch and voice rate.

Expense Tracker (using React)
- Simple expense tracker React application.

Snake Game
- JavaScript based animated snake game with SFX effects.

Responsive Website Template
- HTML and CSS based responsive blog template.
- Restaurant Website Template using Bootstrap.

C Programming
- Hangman: A fun to play word game with polyalphabetic substitution cipher algorithm.
- Sudoku Puzzle Solver: A backtracking-based algorithm that solves any sudoku within seconds.

RELEVANT SKIL AND COURSES

Programming Languages: HTML5, CSS3, JavaScript, Java and C

Relevant Technologies: Bootstrap, jQuery, React, Sass, Canva, Figma, Adobe XD, WordPress, APIs, NPM, Microsoft Word and Microsoft Excel

Technical Skills: Responsive Design & Mobile-First Websites, Version Control (Git), Search Engine Optimization (SEO)

Relevant Certifications: UX Design Foundation by Adobe, Front-End Web UI Frameworks and Tools: Bootstrap by Coursera, Google Cloud Engineering Track, Google Data Science and Machine Learning Track, Introduction to Blockchain Technologies, Transacting on the Blockchain, Blockchain and Business: Application and Implications and Block Opportunity Analysis

Extracurricular Activities: Regional Basketball Player, 800-rated chess player on Chess.com