VAIBHAV CHOPRA

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EXECUTIVE SUMMARY

A full-stack developer with 2 years of experience in front-end, backend and python development. A personable, communicative developer who specializes in object-oriented programming languages. A second-year Computer Science and Engineering student of Vellore Institute of Technology interested in web development technologies and task automation.

PROFESSIONAL SKILLS AND INTERESTS

- **Full Stack Web Development (MERN Stack)**
- **UI/UX Design**
- **Developing and Leveraging Databases**

- **PWAs and TWAs App Development**
- **Automation and Web Extensions Development**
- **Technical Troubleshooting**

EDUCATION

Bachelor of Technology (Computer Science and Engineering). Vellore Institute of Technology (Vellore, India)
- *Expected Graduation Fall of 2023*
- Overall CGPA: 9.72/10

Senior Secondary (XII), Science. Lilawati Vidya Mandir Senior Secondary School (Delhi, India)
- Year of Completion: 2019
- Percentage: 90.60%
- *Head Boy* and *Silver Boy* for the Academic Year 2018-2019

PROFESSIONAL SKILLS DEMONSTRATED

INDIAN SOCIETY FOR TECHNICAL EDUCATION   December 2019 – Present

Indian Society for Technical Education or ISTE is a national, non-profit Society with an aim to assist and contribute to the production and development of top-quality professional engineers with partners like Adobe and JetBrains.

Technical Team and Core Committee Member

• **Teamwork:** Worked with a team to build a React Native based cross-platform Expense Tracker mobile app. First version of the app was completed by June 2020.

• **Webinar Speaking and Events Coordination:** Conducted various webinars on introductory to advanced technical and non-technical topics. Coordinated numerous events for students on topics like Github and MongoDB.

• **Front-end Web Development:** Built and maintained the HTML, CSS and Javascript of websites for the organization and the various events conducted by the student chapter all year round.

MICROSOFT STUDENT TECHNICAL COMMUNITY   December 2019 – Present

*A **Microsoft**-backed community of passionate tech-enthusiasts which drives projects in various forthcoming domains that include Blockchain, Data Science, and many more with partners like Foxmula and MLH.*

Technical Team and Core Committee Member

Backend Web Development on numerous projects and community events coordination.

• **Full Stack Web Development:** Contributed in both front-end and back-end in for MSTC Hackathon Portal website and app. Users were able to form teams for their projects and to participate in upcoming events like Hackathons and Codeathons happening across the country using the app.
• **REST API Development:** Developed a Rest API that handled authentication and database access for the front end of a app/web project.

VITBUD   March 2019 – Present
A Vellore based student community startup with 25+ employees that works towards improving college life of thousands of students by providing cab sharing, second hand marketplace and other services with partners like StuCred.
Web/App Developer and Content Creator
Oversees the website and app of the company including research, development, troubleshooting and bug fixing.
• **UI/UX Design:** Designed the new and improved layout of the app and website of the organization.
• **Serverless Architecture Development:** Played a major role in the development of the serverless backend infrastructure of the platform using Firebase and other Google Cloud features.
• **Social Media Skills:** Contributed in managing the various social media handles of the organization and improved follower count and engagement by more than 100% over a span of 3 months.

STUDENT LIFE & VOLUNTEERISM

TRIE Based Faculty Info App: Lead Developer for an open-source project that acted as a faculty information aggregator for Vellore Institute of Technology, Vellore to help students contact their teachers.

RELEVANT PROJECTS

Burger Builder: A React based burger builder app that shows the major nuances of a react app, build using the latest React 16 features.
Instagram Automation Bot: A Python based program to manage and increase engagement on your personal Instagram page made using Selenium Webdriver.
Coronavirus Accountability Blockchain: A Proof of Stake implementation of blockchain using NodeJS to accelerate the search for the cure of COVID-19 by tokenizing reputation of medical research organisations involved in spearheading Coronavirus cure research.
Python File Organiser: A file system manager that automatically puts different files in dedicated folders based on category and assigns meaningful names to each file us

OTHER RELEVANT INFORMATION

Programming Languages: Javascript (Advanced), Python (Advanced), C/C++ (Intermediate)
Technical Skills: Firebase (Intermediate), MongoDB (Intermediate), Adobe XD (Intermediate), Figma (Intermediate), Adobe Premiere Pro (Basic)
Awards: Codevar Codeathon Finalist – ranked 9 out of 2500 participants