Vishnu Sharma

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https://github.com/VS-code-cloud/ | https://devpost.com/vishnuamogha-sharma/ | https://vs-code-cloud.github.io

Education:

University of Texas at Austin   August 2025 - May 2028

- Bachelors of Science in Computer Science, Jefferson Scholars Certificate in Core Texts and Ideas

Montgomery High School   September 2021 - June 2025

- 1600 SAT, 1520 PSAT, awards: Kite Hacks Hackathon winner (SafeSpace), US Congressional App Challenge winner (WildBlue), MontyHacks second place (MarcoPolo)
- Aerospace Club Secretary, Rocketry Captain, Academic League Board Member, Youth and Government Cabinet

Technical Skills:

- NodeJS, ReactJS, HTML/CSS/JS, Java, Python, Github, SciKit, Keras
- Agile, Full Stack Development, Machine Learning, AI

Experience:

Baim Institute for Clinical Research - Research Assistant   June 2024 - September 2024

- Performed data preparation and analysis of Enhanced External Counterpulsation dataset with Dr. Korjian
- Evaluated EECP effectiveness and co-published abstract to the European Society of Cardiology journal

Ziplyne - Software Development Intern   February 2024 - August 2024

- Designed ReactJS Workday-like environment to increase client trust in onboarding product's functionality
- Used Kanban Agile and Figma product mockups to complete website on schedule, designated best team of two

Code Ninjas - Coding Instructor   May 2022 - March 2024

- Taught kids how to code in Scratch and Javascript, graded projects and managed student advancement

SeekerPitch - Software Development Intern   December 2020 - December 2021

- Programmed REST API endpoints, PostgreSQL trigger functions, schema-based storage, and ReactJS web pages
- Spearheaded integration with Google Cloud, Twilio, AWS Elastic Beanstalk, and Firebase for core functionality

Conference on National Affairs - Delegate   2024

- Presented my tax reform proposal as part of a group of 20 selected from 500 NJ conference participants

Volunteering:

Neuracode - Director of Machine Learning   June - November 2022

- Contributed to the introductory python and machine learning courses, created intermediate keras curriculum
- Managed the machine learning curriculum and ideated with directors to benefit the over 500 enrolled students

Montgomery Hindi School - Teaching Assistant   September 2021 - June 2025

Projects:

MarcoPolo   May 2025

- Integrated Gemini AI and google maps API in ReactJS to dynamically generate location-based "quests" for users
- Measured user task completion using MongoDB and firebase login for long term completion incentives

SafeSpace   June 2024

- Worked on a discord bot offering server-based automated moderator tools such as warnings against bullying
- Designed and coded an artificial intelligence model using SciKit and Python on an online bullying dataset

The Troop 46 Times   March 2024

- Led a team to make the fullstack currently-in-use Troop 46 Times website using Express.js, React, and MongoDB
- Empowered the boy scout troop's scribe and members to more effectively collaborate and publish virtually

Code to Comments   December 2021 - January 2022

- Created a VSCode extension with over 800 downloads using OpenAI davinci-codex for comment generation