VISHAL MADHAV

FULL-STACK DEVELOPER

PERSONAL PROFILE

Highly motivated to learn and grow in the software industry. My work ethic, diverse skill sets, collaborative personality, and passion towards software development have influenced success and growth throughout the projects I've worked on.

CONTACT

- vmadhav33@gmail.com
- 201-637-0929
- https://www.linkedin.com/in/vishal-madhav/
- https://github.com/vm0303

EDUCATION

B.S. Computer Science, Pennsylvania State University - Harrisburg - Middletown, PA

EXTRA-CURRICULAR CLUBS/ ACTIVITES

PSH Games And E-Sports Club - Treasurer

SKILLS

TECHNICAL
Google Firebase (Cloud Firestore), SQL, Python, Bootstrap, CSS, HTML, Java, JavaScript, TypeScript, Angular, Vue.js, React, React Native

INTER-PERSONAL
Critical Thinking, Customer Service, Growth Mindset, Collaborative Leadership, People Oriented, Interpersonal Communication, Positive Attitude, Sales Operations, Teamwork

EXPERIENCE

MICROSOFT - Mentee
New York City, NY

JULY 2021 – AUGUST 2021

- Mentored by Microsoft executives and senior employees located in New York City and at the Redmond Headquarters
- Worked on a team with 3 other mentees to produce a Hackathon project to revolutionize the way we throw our trash or recyclable items in public areas with a smart trash can.
- Attended sessions to learn about Microsoft's products, culture, and operations
- Shadowed a Microsoft Account Manager and learned about technical escalations and interacting with executive-level customers
- Met with product group employees from Cortana, Hololens, Xbox, and Microsoft 365 Security to learn about their solutions, and their goals and incentives in the future.

National Thermal Power Corporation (N.T.P.C) - Intern
Kudgi, Karnataka, India

JULY 2021 – AUGUST 2021

- Worked and interacted on various projects with engineers in the power plant and learned about the daily activities they do to keep the power plant secure.
- Understood how the electric grid in the power plant helps power the southern states of the country like Karnataka, Andhra Pradesh, Tamil Nadu, Kerala, and more.

COURSEWORK

PENN STATE HARRISBURG - CMPSC 421 (NET-CENTRIC COMPUTING)
Middletown, PA

JANUARY 2021 – MAY 2021

- **Angular music app**: A royalty-free music app using Angular, Typescript, and Howler.js. All songs are from American composer, Kevin MacLeod
- **2048 using Vue.js and Cloud Firestore**: The popular online video game rewritten in Vue.js and integrated with Cloud Firestore from Google
- **Hangman game using Javascript, HTML, and CSS**: The popular hangman game using simple Javascript, HTML, and CSS
- **React Games**: With the use of the React Drag & Drop method, two computer science problems as games were created. One was the Towers of Hanoi, and the other one was a sliding image puzzle.

PENN STATE HARRISBURG - CMPSC 488 (CAPSTONE PROJECT)
Middletown, PA

JANUARY 2022 – MAY 2022

- Worked on small team to develop a website that can help middle school and high school students learn the fundamental basics of Python.
- Helped developed the front-end part of the website by improving the user interface from time to time.
- Used PostgreSQL, an open-source relational database management system to create and store topics and lessons that an instructor may create, and that a student may learn from.
- Authorized an instructor or a student to access the website using their credentials from GitHub, which is a code hosting platform for version control and collaboration.