

# VISHAL MADHAV

## FRONT-END DEVELOPER

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### PROFILE

A front-end developer interested in UI/UX design, and various front-end applications / services. An eager learner with good critical-thinking and problem-solving skills. An expert in various languages and frameworks, with a penchant to learn and grow in the industry.

### PROJECTS

#### Angular Music, *Front-End Web Application*

A web application that plays royalty-free music from various artists including famous American composer, Kevin MacLeod. Used Angular, Howler.js, & JavaScript.

#### 2048 Game, *Front-End Web Application*

A single-player sliding block puzzle game where the objective is to slide numbered tiles on a grid to combine them in order to create a tile with the number 2048. Used Vue & Firestore from Google Firebase.

#### Hangman Game, *Front-End Web Application*

A guessing word game where the goal is to guess a word based on what letters it contains. Each wrong guess a player makes brings them one step closer to losing. Used simple HTML, CSS, & JavaScript.

#### React Puzzles, *Front-End Web Application*

A web application where two popular puzzles that are most commonly seen in the Computer Science industry were implemented. Used React.

#### CodeFlower, *Full-Stack Web Application*

A website that helps teach middle school and high school students the fundamental basics of Python programming, which can help be a learning tool for people who want to pursue Computer Science in the future. Used Python, HTML, CSS, MySQL, and JavaScript.

#### CodeFlower Info, *Front-End Web Application*

A supporting website that goes into detail about the full-stack web application that me and my team did for the Capstone project in college. Used simple HTML, CSS, & JavaScript.

### SKILLS

#### PROGRAMMING LANGUAGES

HTML, CSS, Python, Java, JavaScript, TypeScript

#### FRAMEWORKS & LIBRARIES

React, Vue, Angular, Bootstrap, Material UI, Tailwind CSS

#### DATABASES

MySQL

#### MISC

GitHub, GitHub Pages, Firebase, Vercel, Adobe XD

#### INTER-PERSONAL

Collaborative Leadership, People-Oriented, Inter-personal Communication, Positive Attitude, Teamwork

### EXPERIENCE

#### Mentee

Microsoft

JULY 2021 – AUGUST 2021

- Mentored by Microsoft executives and senior employees located in New York City and at the Redmond, Washington 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.

#### Intern

National Thermal Power

Corporation (N.T.P.C)

JULY 2019 – AUGUST 2019

- 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.

### EDUCATION

**B.S, Pennsylvania State University - Harrisburg**

2018 - 2022

Computer Science

**Secondary Education, John P. Stevens High School**

2014 - 2018

### LANGUAGES

English



Telugu

