Het Patel

111-01 66th Ave
Forest Hills, NY 11375
929-253-4130
hetyug04@gmail.com
hpatel.netlify.app

Organized and depedable Full-Stack engineer proficient in multiple languages and technologies. Willingness to take on added responsibility to meet team goals, and can easily develop skills to adapt to work requirements. Considered hardworking and driven to deliver solid code. Adept at problems resolution, flexible personality and fast learner.

STEM Council Representative, Forest Hills HS — Representative

September 2020 - June 2022

- Input on future of STEM program, through representation of student body
- Helped in the recruitment of leaders in the STEM field as guest speakers to talk about their jobs
- Freshman and Sophomore counseling for a future in STEM
- Volunteered for school and council–sponsored events.

Discussion and Coordination of Carl Sagan STEM Program at Forest Hills High School. My membership gave me input on the STEM community as a whole, and even more representative experience

Game Design Club, Forest Hills HS, VP and Representative

September 2018 - June 2022

- Served as lead developer and organizer of main branch
- Head of IT/technical support and IT recruitment and training
- Operated the majority of recruitment with help of underclassmen through demonstration and campaign
- Major role in recruitment of guest teachers and speakers to inform our students on new ways to design and code games

Lead Developer and Game Board designer. Leader and majority STEM mentor for freshman and sophomore applicants. Learned IT development and customer service through experience helping students and teachers

HackBU, Binghamton University

August 2022 - PRESENT

- Hackathon Organization and participation for upcoming June 2023 HackBU.

Participated in Hackathon originzation and wil participate in June 2023 competition focusing on full stack web development with a team

SOFTWARE SKILLS

Organization and Time Management

Software Proficiency

Complaint resolution

Technical Support

Multitasking Abilities

Clerical Support

Software

Administrative Support

LANGUAGES

English, Gujarati, Hindi, Urdu

Bing ACM, Binghamton University

August 2022 - PRESENT

- Participion in organized coding competitions
- Weekly courses taken and taught

Participated in Bing ACM computer science club at Binghamton University. Learned many technologies such as linked lists, scraping, bots, etc. and participated in group and individual coding competitions.

Projects

Portfolio Website, JavaScipt, HTML, CSS

- First project to display proficiency in multitude of base web development languages

Produced a website using JavaScipt, HTML, and CSS to display my front-end skills. Website is mostly static and made to house personal projects and as an intro into my person and work. Visit hpatel.netlify.app for project center.

JavaScript Calculator, JavaScipt, HTML, CSS

- First attempt at logic based projects
- Explored JavaScript logic and calculation more indepth

Produced a website using JavaScipt, HTML, and CSS, mainly focusing on JavaScript based logic to produce a functioning calculator. Also practiced CSS to imitate Apple calculator app. Took inspiration from

Weather App, ReactJS, HTML, CSS

- First mainly JavaScript project based on ReactJS framework.
- Usage of APIs and fetch requests from OpenWeatherAPI
- Conditional Rendering and Search implemented

Produced a web app using the ReactJS framework. Website returns the current weather from a particular location in which the user can search. First unassisted project to practice ReactJS.

Social Media App (Unnamed) (In-progress), ReactJS, NodeJS, ExpressJS, MongoDB, HTML, Styled-Components

- First project based on MERN full stack model
- Custom database and RESTful API with Mongodb and ExpressJS
- Database supported custom login, register, post upload through NodeJS framework
- Use of advanced ReactJS components such as Context API, ReducerAPI
- Custom error handling, serverside and userside error notifications and flagging
- Advanced use of NodeJS in post upload, deletion, editing, and sending posts
- Full "friendship" system, adding, removing friends from personal account

First full-stack web application based on the MERN stack. Major complexity and development jump due to use of more advanced technologies. This is a social media app based on text-based posts. Through the use of MongoDB with NodeJS integration, custom login, register, and post handling is possible. In conjunction with mongoDB, ExpressJS and NodeJS were used to develop a custom RESTful API to handle all requests and returns. Advanced ReactJS practices and technologies were used to make a smoother and more update friendly code for developer and users alike.

MWDIMS (In-progess), ReactJS, Google Firebase, HTML, SASS

- Real-time chat application using Google Firebase
- Firebase integration in both instant messaging and user login in
- Custom database production using Google Authentication and Firestore to store user information, text-messages and images
- First attempt at SASS to develop a clearer CSS format and update friendly code
- Advanced React usage

First time working with Google Firebase web services. Usage of firebase firestore and authentication to store and authenticate users using Google Account based login. Firestore backed instant messaging supports both text based and image based messages which are stored within MWDIMS database. User search powered by Algolia Search, custom error handling, and global chat and messaging system.

EDUCATION

Forest Hills Highschool, NY

September 2018 - June 2022

Binghamton Univerity, NY

August 2022 - Present

Relevant Coursework
- Intro To Computer Science
- Harvard CS50
- CS120 (Binghamton Intro Class)

Activities
- Founder of Political Awareness Club
- Founder of Game Design Club
- STEM Council Member (Student–Body Representative)
- HackBU
- Bing ACM