

Zafir Hasan

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EDUCATION

NYU Tandon School of Engineering; Brooklyn, NY

September 2015 – May 2019

- Major: Computer Science
- Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, Databases, Dynamic Web Applications, Software Engineering

EXPERIENCE

Thankview, New York, NY

August 2020 – June 2022

Software Engineer I

- Developed and released Advanced Metrics Filters allowing hundreds of clients the ability to create and export complex queries on user data (**AngularJS, Vue.js, PHP, Laravel**)
- Implemented third party webcam library to support core functionality of recording video on platform (**AngularJS**)
- Overhauled self-service features on platform to support new free trial packages and tiered subscription business model (**AngularJS, Vue.js, PHP, Laravel**)
- Expanded unit tests written for new features on back-end by 2x leading to delivery of more stable code releases (**PHP**)
- Worked in an Agile (Scrum) environment, presenting new features to company at end of major sprints

Indoor Buddy, New York, NY

January 2019 – April 2020

Full Stack Developer

- Developed REST API to store and manipulate generated mapping data from consumer app (**Node.js, Express, Firebase**)
- Worked on backend authentication service and front-end for Store Manager Analytics Dashboard (**Node.js, Vue.js, CSS, HTML**)
- Conducted dozens of client interviews to better understand requirements for future development of features
- Defended and demonstrated startup value proposition to potential investors, customers, and partners through streamlined presentations

PROJECTS

Filtos – <https://filtos.app>

July 2020

- Web app that uses Spotify Web API to enable advance filtering of user's song library. User's can filter songs by metrics like genre and energy and select songs to save to a playlist. (**Vue.js, Node.js, Express, HTML, SCSS/CSS**)

Stock Portfolio – <https://stock-portfolio-app.netlify.app>

May 2020

- Web app that allows users to register new accounts, log in, and buy US stocks to add to their portfolio. Users can see all transactions and value of portfolio is updated every minute. Attention and effort was put into authentication and building a clean UI. Created both front-end and back-end API (**Vue.js, MongoDB, Express, Node.js**)

LANGUAGES AND TECHNOLOGIES

- Proficient in HTML, CSS/SASS, JavaScript, Node.js, PHP/Laravel, AngularJS, Express, Bootstrap, Vue.js, Vuetify, Agile (Scrum), Visual Studio Code, MVC, REST APIs, OAuth 2.0
- Familiar with C++, MySQL, Python, Firebase, MongoDB, Google Cloud Services, Heroku, Netlify, Git, Mocha/Chai (Testing)