

Joseph Fantuzzi

Full-Stack Web Developer | Software Engineer

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TECHNICAL SKILLS

Front-End: HTML, CSS, JavaScript, Typescript, React.js, Redux, Next.js, TailwindCSS

Back-End: Node.js, Express, SQLite, PostgreSQL, Knex.js

Other: Jest, Cypress, Docker, GitHub, Git CLI, Trello, Jira, VSCode, Agile Methodology, Data Structures, Algorithms

PROJECTS

Algo Playground, *Front-End Developer* - [Website](#) | [GitHub](#)

- Composed a front-end application that visualizes a couple algorithms using React.js and Data Science logic
- Implemented a 30 x 30 node graph with the ability to perform depth and breadth first search algorithms from a chosen starting node to the chosen ending node
- Integrated UI/UX design with CSS

Code to Image Converter, *Front-End Developer* - [Website](#) | [GitHub](#)

- Composed a front-end interface allowing users to create and download beautiful source code images using React.js
- Integrated a responsive UI/UX design with Styled Components and implemented animations with Framer Motion
- Utilized CodeMirror editor component for code support within the editor, allowing 12 languages to be detected
- Implemented the ability to change background colors, switch modes, and add or remove padding using React.js state

Cryptocurrency Tracker, *Full-Stack Developer* - [Website](#) | [GitHub](#)

- Designed and built a full-stack application that enables users to track the top 250 cryptocurrencies
- Integrated a responsive design with TailwindCSS to support all device types and sizes
- Utilized React.js for view-layer functionality and front-end UI/UX interface
- Enabled search functionality after obtaining coin data through Axios calls to CoinGecko API
- Implemented a favorites list for users to track their top cryptocurrencies through back-end data persistency
- Structured back-end database using PostgreSQL, with Express.js for API endpoints interacting via CRUD requests
- Authenticates users with JWTs and hashes passwords using Bcrypt.js

EXPERIENCE

Underdog Devs, *Bloom Institute of Technology, Full-Stack Developer* - [Website](#) | [GitHub](#)

- Collaborated with Front-End Engineers, Back-End Engineers, Data Scientists, and UX Designers in an Agile Project Management environment to craft elegant solutions for Underdog Devs
- Utilized Node.js, Express.js, and PostgreSQL to architect and iterate modern and scalable REST API's consumed on the view-layer of the application
- Created UX prototype designs in Figma and communicated with Front-End Engineers for implementation
- Unit tested components on the front-end using Jest and React Testing Library

EDUCATION

Bloom Institute of Technology (BloomTech), *Graduate, Full Time Program, Full-Stack Web Development*

2022 - 2022

Penn State University, *Completed majority of credits towards a B.A.E. in Architectural Engineering (3.8 GPA)*

2018 - 2021