

# Joseph Fantuzzi

## Full-Stack Web Developer | Software Engineer

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## TECHNICAL SKILLS

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

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

**Testing:** Jest, Cypress

**Other:** GitHub, Git CLI, Trello, Jira, VSCode, Agile Project Management, Data Structures, Algorithms

## PROJECTS

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**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 image, allowing 12 languages to be detected
- Implemented the ability to change background colors, switch modes, and add or remove padding using React.js state

**Calculator Application**, *Front-End Developer* - [Website](#) | [GitHub](#)

- Developed a front-end application that allows values to be quickly computed using React.js and TypeScript
- Produced a responsive UI/UX design with TailwindCSS for full device support
- Implemented large sum handling using standard JavaScript logic with 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

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**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

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**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