

# Joseph Fantuzzi

## Full-Stack Web Developer | Software Engineer

The Poconos, PA | 908-812-3843 | [dev.josephfantuzzi@gmail.com](mailto:dev.josephfantuzzi@gmail.com) | GitHub: [joseph-fantuzzi](#) | LinkedIn: [josephfantuzzi](#)

### TECHNICAL SKILLS

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

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

**Testing:** Jest, Cypress

**Deployment:** Vercel, Heroku, Netlify

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

### PROJECTS

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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

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

- Composed a Front-End application that highlights personal skills and projects using Next.js
- Integrated UI/UX design with standard CSS and implemented smooth animations using Framer Motion
- Incorporated fully responsive design with CSS to support all device types and sizes

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

- Designed and built a Full-Stack application that enables users to track the top 250 cryptocurrencies
- Integrated fully responsive design with Tailwind CSS to support all device types and sizes
- Utilized React.js for view-layer functionality and UI/UX principles on the Front-End
- 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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**Barry Isett & Associates - Allentown, PA** Intern, Structural Department Surveyor 2020 - 2020

- Successfully surveyed 9 warehouse and distribution centers at approximately 2.25M total square feet
- Collaborated with structural engineering team to create an effective warehouse marketing strategy
- Compiled polished proposals containing floor, electrical, and HVAC plans with the use of AutoCAD

### 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