

Brandon Cunningham

Full stack software developer

(585) 489-6823 • Rochester, NY • jobs@brandoncunningham.dev

Website: brandoncunningham.dev

Job History

Software Developer II

April 2021 - Present

Paychex | Rochester, NY

Work as part of the agile external API team, which supports the existing API and develops custom solutions for business partners to integrate with Paychex.

- As part of the agile process, I am responsible for scoping/pointing work, understanding dependencies, uncovering unknowns/risks during the development process, and doing the development.
- A major project with an external partner FinFit; we developed a full stack solution to offer FinFit's benefits to employees that are paid through Paychex, this included displaying information to the end user in our Paychex Flex platform, developing endpoints for FinFit to consume employee/client specific data and enhancing our security model for employee level consent.
- Made performance improvements for our worker endpoints that resulted in a 90% faster response time for very large clients that are being consumed by our larger partners such as TWN.
- Refactored and improved our worker communication endpoints, which resulted in a massive error rate reduction and a slight performance benefit.
- As a secondary duty, was responsible for triaging and resolving production issues that related to the external API space in a time restricted manner.
- <https://developer.paychex.com>

Software Developer, Owner

2018 - 2023

Dropshipping, BP Processing | Rochester, NY

Ran an eBay dropshipping business through the power of my self developed software that allowed me to both scale and manage the business to over a \$1 million a year in sales.

- Developed <https://bpprocessing.com> to manage the business, this software includes order, return, dispute and a ticket based system for managing communication with buyers.
- Setup multiple services for managing the operation, from web scrapers for pulling price data on a scheduled basis, integrating with eBay API to pull/update our account data (orders, listings, etc.), an automated bookkeeping system, and other services.
- Was able to hire and train a full time service rep to use BP Processing to manage customer service
- This was my playground to learn the entire development stack in a business setting at a somewhat reasonable scale, with real world risk.

Skills and Tools, See more at brandoncunningham.dev

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|-------------------------|-------------------|-------------------------|
| • Java, Spring boot | • MongoDB and SQL | • Docker |
| • HTML, CSS, Javascript | • IntelliJ | • Bitbucket, Github/lab |
| • Angular | • Splunk | • Jenkins |