

## Brett Fraley - Software Engineer

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### Overview

Seeking a software engineering role working with an Agile team that is creative and delivering solutions that provide value to users.

### Experience

#### Consultant, Entrepreneur - March 2022 - Current

Freelance web development, UI design, product consulting, and building the next big thing.

#### Ford Motor Credit - Nov 2020 - Jan 2022

Software engineer on an agile team migrating features of a large legacy codebase to Spring Boot and Angular.

Worked in Java, TypeScript, DB2 SQL, and maintained strict quality control standards through TDD, static analysis, and security scanning tools.

#### CrossBraining - February 2020 - April 2020

Worked on front and backend codebases for K-12 education platform, with Angular front end and graphql / Neo4J API backend.

#### Ithaca Harbors - March 2018 - Nov 201

Web Application Developer for the Jstor and Artstor products, working in Python/Django, Angular, Vue, React, Java, Clojure, and internal frameworks.

Transitioned large Angular codebase from static application to server side rendered content via NodeJS/Express.

Mentored University of Michigan computer science major for three successful internships, resulting in a successful post graduation hire.

#### Fusioncorp Design - Oct 2016 - Feb 2018

Shipped 10 client web applications in 2017, including two large government services websites.

#### Awesome Inc Webdev Bootcamp - Fall / Winter 2016

Transitioned from hobbyist to professional developer by completing Awesome Inc. Web Developer Bootcamp.

### Skills, Languages, Tools

- 7 plus years of professional experience, over 12 years total as a self taught hobbyist
- Writing client/internal documentation
- Passionate about delivering quality code that's fully documented and tested
- Experience with multiple language debugging, packaging, and build tools
- Familiar with, and advocate for TDD, BDD, quality assurance processes and automation
  - Experience monitoring and scaling of large cloud applications on AWS and cloud services
- Experience on call/Pager Duty for site reliability, and issue triage
- Proficient in Git/SCM tooling, code review process, testing frameworks

### Back End Technologies

- Full stack web development in Python(Flask, Django), Java(Spring Boot),JS(Nodejs/Express)
- Database experience with MySQL, PostgreSQL, SQLite, DB2, ORM tools
- Shipped and maintained many production NodeJS, Java, Python, APIs and backend microservices.
- SRE tools: Grafana, Kafka, App Dynamics
- Build pipelines, Jenkins, CI/CD

### Front End

- Advanced proficiency in browser technologies and APIs associated with front end web development.(HTML, CSS, JS (vanilla/DOM)
- Proficient in Typescript
- Proficient in component-based, modular, object oriented JS
- Javascript frameworks: Angular, Vue, React
- CSS Libraries: Bootstrap, Tailwind, Three.js, others.