

# Bahram Bagher

# Software Engineer

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**Technical skills:** Typescript, JavaScript, NodeJS, Python, React, Redux/Hooks/Context, Jest, Cypress, GraphQL, SQL/NoSQL, AWS, Kubernetes, Docker

**Education:** Florida International University(FIU) - BS - 2014

**Interests:** Gaming(currently back to WC3), board sports, running, hiking, memes

## Experience

Splash Financial | Senior Software Engineer

Jan 2022 - Dec 2022

- Designed and developed a myriad of Typescript React components and custom hooks with URQL to build entire client facing application flows.
- Developed new workflow patterns that maximized the efficiency of multiple teams for faster local development using Cypress, Storybook and MSW.
- Analyzed user dropoff and did experiments/AB testing with Optimizely to maximize user conversion.
- Migrated and improved upon the application logging system to datadog and built dashboards used across teams. Also added monitoring through the entire app with datadog browser-logs/RUM..
- Developed several synthetic tests that would greatly help CI by ensuring the integrity of the app.
- Mentored teams on best practices, new technologies and solutions that would help company-wide.

Asurion | Senior Software Engineer

Sep 2020 - Nov 2021

- Designed and implemented several GraphQL API from plain requirements all the way into prod.
- Led and implemented a synthetic test framework, utilizing containerized lambdas that would get triggered at a set interval of time effectively testing all of the nonprod/prod endpoints eliminating any undetected outages and bugs.
- Implemented comprehensive unit/e2e tests and set new patterns using best practices on testing.
- Emulated our gateway locally by using docker-compose which would allow the team to safely simulate deployment of our graphql schemas and tests of the gateway decreasing any potential downtime in our development environment.
- Developed various scripts to automate any repetitive task using husky that would improve CI/CD.
- Acted as liaison with our clients and supported through any issues encountered in production.

PBA Precision Marketing | Full Stack Developer

Oct 2016 - May 2020

- Used React, Typescript, Javascript HTML5, CSS3/SASS to develop a series of diverse websites to reroute internet traffic to generate revenue through advertising campaigns.
- Designed and built API wrappers in Python and Django to enhance external data.
- Established and maintained SQL(Postgres) databases by data modeling from various API sources and optimized queries by indexing and denormalizing data.
- Designed custom web crawlers for specific websites and automated them with Cron jobs.
- Built pipelines with Python that would process data using Numpy/Pandas.
- Developed serverless Rest APIs in Typescript using AWS API Gateway, Lambda functions, SAM CLI.

**Personal projects:** NewsVis - *News sentiment analyzer*, AlloK8 - *Kubernetes Monitoring Tool*