

Bahram Bagher

Software Engineer

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

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

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

Experience

Splash Financial | Senior Frontend Engineer

01/2022 - 12/2022

- Designed and developed a myriad of Typescript React components and custom hooks with URQL to implement entire client facing user 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 using 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 Backend Engineer

09/2020 - 11/2021

- Designed and implemented several GraphQL and Rest APIs from plain requirements all the way into production using NodeJS, Apollo Server, ExpressJs and thoroughly tested with Jest.
- 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 staging/prod endpoints and alerting if there were any undetected outages and bugs.
- Implemented comprehensive unit/e2e tests and set new patterns using best practices on testing.
- Leveraged the ambassador pattern to implement a proxy in front of our gateway that would authenticate users trying to access our graphql playground on staging.
- 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

10/2016 - 05/2020

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

Personal projects: NewsVis - *News sentiment analyzer*, Allok8 - *Kubernetes Monitoring Tool*