MICHAEL PLAZEK
SENIOR FRONT END SOFTWARE ENGINEER

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EDUCATION

Bachelor of Science in Engineering: Computer Engineering   May 2018
University of Pittsburgh | Swanson School of Engineering

EXPERIENCE

Senior Front End Engineer | HPE   October 2020 - Present
- Architected, designed, and implemented shift from build-time, package-based approach into a micro-frontend architecture for GreenLake Central platform, enabling over 20 service application teams to independently develop, release, and promote with minimal risk.
- Serve as point-of-contact for front end service application teams, enabling the development of core aaS features by providing standardized tooling and componentry.
- Implement assessments of service team codebases and processes, enforcing architectural best practices to identify and resolve various anti-patterns.
- Lead the development of primary front end features, often heavily involved in the design iterations, as well as the prototyping and implementations.

Front End Engineer II | HPE   May 2020 - October 2020
- Directly involved with release, testing, and promotion standards, significantly reducing the number of production incidents and ensuring effective rollback strategies.
- Promoted code quality, UI/UX, and accessibility best practices while acting as a mentor to new hires, interns, and various front end development teams.
- Established the architecture and tooling for the development of serverless APIs, allowing for the rapid prototyping and deployment of new, lightweight services.

Front End Engineer I | HPE   September 2018 - May 2020
- Stood up the entire end-to-end stack for numerous SPAs, including infrastructure and CI/CD pipelines, allowing for quick, fully-tested deployments to production and other environments.
- Gained expertise in React and numerous front end frameworks & libraries, while heavily contributing to HPE OneSphere and HPE GreenLake Central applications.
- Contributed to multiple microservices on the back end using Go and Kubernetes, helping to develop the core Identity and Access Management suite for the GreenLake Central platform.

User Interface Intern | HPE   May 2017 - September 2018
- Worked closely with UI & UX teams, establishing baseline skillset in both front end development and design.
- Developed management dashboard in React to display, sort, and filter results of various testing suites, giving interested parties visibility into various code quality metrics.
- Contributed various components and patches to HPE OneSphere application, gaining familiarity with Agile software development and the writing of DRY, maintainable code.

TECHNICAL SKILLS

Front End Development - JavaScript, ES6, HTML, CSS, React, Redux, GraphQL, Webpack, Babel, Gatsby, Single SPA, NodeJS, npm, Jest, Enzyme, Cypress
Back End Development - Golang, Kubernetes, Docker, gRPC, Java
Developer Operations & Infrastructure - Terraform, GitHub Actions, CircleCI, Serverless, Netlify
AWS - S3, Lambda, CloudFront, API Gateway, Route53, EC2
Design - FramerX, Figma

PROJECTS

Personal Website | https://www.michaelplazek.com   2020
Portfolio and personal blog

Blockparty Mobile | https://blockparty.global   2018
Free, anonymous, peer-to-peer cryptocurrency exchange

Mocha Test Reporter | https://www.npmjs.com/package/mocha-grommet-reporter   2017
Test runner for admin-level reporting

Plazek Properties | https://www.plazekproperties.com   2016 - 2017
Real estate listing and apartment discovery