

# MICHAEL PLAZEK

## SENIOR FRONT END SOFTWARE ENGINEER

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### EDUCATION

#### Bachelor of Science in Engineering: Computer Engineering

University of Pittsburgh | Swanson School of Engineering

May 2018

### EXPERIENCE

#### Technical Lead | Hewlett Packard Enterprise

November 2021 - Present

- Lead the UI Platform Team for GreenLake Cloud Platform, providing the foundation for numerous service application teams to rapidly develop and deliver orthogonal applications that compose HPE's aaS offering.
- Work with stakeholders to scope and sequence high level, architectural initiatives, ensuring both external commitments and team-level priorities are executed appropriately.
- Developed GitHub Action-based CI/CD pipeline for UI service application teams, converting old-world, multi-stage release and promotion process taking 6 hours, to a truly continuous model with promotions taking 5-10 minutes.
- Enforce code quality, security practices, and monitoring/observability standards, ensuring operational readiness and minimizing exposure to various forms of risk.

#### Senior Front End Engineer | Hewlett Packard Enterprise

October 2020 - November 2021

- Architected, designed, and implemented shift from build-time, package-based approach into a micro-frontend architecture for GreenLake Cloud Platform, enabling over 20 service application teams to independently develop, release, and promote with minimal risk.
- Served 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 | Hewlett Packard Enterprise

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 | Hewlett Packard Enterprise

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 | Hewlett Packard Enterprise

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, TypeScript, HTML, CSS, React, Redux, GraphQL, Webpack, Babel, Gatsby, NodeJS, npm, Jest, Enzyme, Cypress, Webpack Module Federation, Single SPA, Okta, Web Components, Stencil

**Developer Operations & Infrastructure** - Terraform, GitHub Actions, CircleCI, Serverless, Netlify

**AWS** - S3, Lambda, CloudFront, API Gateway, Route53, EC2

**Design** - FramerX, Figma