MICHAEL PLAZEK
SENIOR FRONT END SOFTWARE ENGINEER

michael.plazek91@gmail.com | github.com/michaelplazek | michaelplazek.com

EDUCATION

Bachelor of Science in Engineering: Computer Engineering   May 2018

University of Pittsburgh | Swanson School of Engineering

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 SaaS offerings.
- 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 and design consistency of core aaS features by providing standardized tooling and componentry.
- Implemented assessments of service team codebases and processes, enforcing architectural best practices to identify and resolve various anti-patterns to improve quality (code smells, code coverage, cyclomatic complexity, etc) by around 55%.
- 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, ensuring effective rollback strategies and significantly reducing the number of production incidents from an average of 6 per month to 0.7 per month.
- 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 and delivering core services, such as notifications and support.

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 Cloud Services.
- 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, Express, Jest, Enzyme, Test Cafe, Storybook, Cypress, Module Federation, Single SPA, Okta, Web Components, Stencil, Wix, Material UI, SonarCloud

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

AWS - S3, Lambda, CloudFront, API Gateway, Route53, EC2, ACM, CloudWatch

Design - FramerX, Figma, Miro