

# Benjamin Eppinger

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## Summary

Software Developer with **7+ years of experience** specializing in **React** and **Node.js**, delivering high-quality end-to-end **mobile and web solutions ahead of schedule**. Adept at **real-time data workflows**, push notifications, and leveraging modern frameworks (including **Zustand**, **Highlight.io**, **LogRocket**, & **AI connective systems**) to **accelerate development**, enhance debugging, and **optimize user experiences**. Complemented by **IT operations expertise**, ensuring secure, scalable deployments. Demonstrated ability to **rapidly adapt to complex organizational structures**, creating **seamless UX** that drives engagement and operational efficiency. Seeking a remote, hybrid, or in-person opportunity within a fast-paced, collaborative environment, contributing to innovative products that make a **meaningful impact on users**.

## Work Experience

### Scythe Robotics

*Lead Front-End Mobile/Web Engineer & IT Operations / Longmont, CO / Jan 2023 - Jan 2025*

- **Developed and led** the creation of a cross-platform **Ionic React** application for real-time tracking and management of autonomous mowers.
- Integrated Zustand, TypeScript, RESTful APIs, GraphQL, and GitLab CI/CD to ensure seamless real-time synchronization for **hundreds of autonomous machines nationwide**.
- Designed a **user-friendly fleet management interface**, improving **customer satisfaction and operational efficiency**.
- Engineered **secure authentication solutions** for non-traditional operator logins, enhancing system accessibility and security.
- Managed IT operations **across 4+ offices and additional testing locations**, improving network reliability, infrastructure automation, and security.
- **Automated machine provisioning**, cutting **developer onboarding time from 3+ days to a few hours** and **reducing hardware costs by 66%** through strategic sourcing.
- Collaborated cross-functionally with Product, Engineering, and IT teams to streamline deployments, debugging, and infrastructure scaling.

### Liberty Mutual Insurance

*Software Developer - US Claims / Boston, MA / Jul 2021 - Jan 2023*

- Developed a **React + Node.js** web application to streamline **property and auto claim management**.
- Onboarded and trained a newly formed **auto claims development team**, **reducing ramp-up time**.
- Migrated legacy back-end systems to **serverless AWS Lambda-based APIs** (REST & GraphQL), **reducing maintenance overhead**.
- Enhanced developer tooling and **CI/CD pipelines**, **boosting release efficiency by 30%**.

## Liberty Mutual Insurance

*Associate Software Developer* / Boston, MA / Feb 2020 - Jul 2021

- Created **reusable code patterns** and best practices **adopted by 1,000+ internal developers**.
- Contributed to a company-wide migration to Kubernetes, improving deployment scalability.

## Liberty Mutual Insurance

*TechStart Developer* / Boston, MA / Jun 2019 - Feb 2020

- **Led a React-based platform project** that optimized internal messaging workflows for managers.
- Designed a Bamboo CI/CD pipeline enhancement that **reduced commit processing time by 10 minutes per commit**, accelerating development cycles for both my team and all future cohorts.

## Education

**Pennsylvania State University** – University Park, PA / May 2019

Master of Science, Information Sciences and Technology / GPA: 3.79

- Specialized in **UX design, educational psychology, and human-computer interaction**.
- Completed **Master's & Bachelor's degrees concurrently in 4 years**

**Pennsylvania State University** – University Park, PA / May 2019

Bachelor of Science, Information Sciences and Technology – Design & Development / GPA: 3.76

## Skills

### Languages & Frameworks

- JavaScript (ES6+), TypeScript, React, Angular, Vue, Node.js, Ionic, GraphQL, RESTful APIs, Java, Python

### Front-End & UI/UX

- HTML5, CSS3, Material-UI, Tailwind CSS, Bootstrap, Figma, Wireframing, Prototyping, InDesign

### Cloud & DevOps

- AWS (Lambda, S3, EC2), Docker, Kubernetes, GitLab/GitHub CI/CD, GitHub Actions, Bamboo, Jenkins, Infrastructure as Code (IaC), Heroku, Vercel

### Testing & Quality Assurance

- TDD (Test-Driven Development), BDD (Behavior-Driven Development), Unit Testing, Exploratory Testing, Postman, LogRocket, Highlight.io

### Collaboration & Project Management

- Agile (Scrum, Kanban), SDLC, Jira Service Desk, Confluence, Git Version Control, Code Reviews, Paired Programming, Stakeholder Management

### Security & Networking

- Access Control, Authentication, Incident Response, Network Management, Virtual Machines (VMs)

### Other Tools & Technologies

- Android Studio, XCode, App Store Connect, Google Play Console, 3D Printing

## Hobbies

- 3D Printing – Building and selling fully-functional, custom-built electric guitars
- Indoor Rock Climbing – USA Climbing Level 2 Certified Volunteer Bouldering Judge
- Gold Panning
- Ice Skating / Hockey