Matthew McCord

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Perceptive, hard-working software engineer seeks a new and challenging role. An intuitive programmer with refined problem-solving skills, ready to tackle complex projects with creativity and resolve. Proven track record delivering top quality results under demanding and stressful conditions. Outstanding collaboration and leadership skills with strong desire to learn and advance as a professional.

Overview:

- 8+ years of professional software development experience backed by years of independent study.
- Solid technical skills with experience in JavaScript / TypeScript, React & React Native, C#, Git, Documentation CSS, HTML, plus others.
- Diverse software development interests include applications for web, mobile, payment, and games.
- A true team player who relishes the opportunity to collaborate and contribute to team success.
- Quick study, always eager to learn and master new processes, software, and knowledge areas.

Selected Competencies:

React, React Native, TypeScript, JavaScript, Frontend Engineering, Web Application Development, Mobile App Development, Component-based UI Frameworks, Jest, Webpack, React Navigation, Performance Optimization, UI/UX Design, Software Engineering, Technical Vision & Direction, Product Development, User Experience Implementation, Scalable Systems, Feature Development, Code Quality, Software Testing, Mentorship, Cross-functional Collaboration, Payments Systems, Compliance, Global Financial Systems, Problem-solving, Continuous Learning, Feedback Receptivity, Technical Leadership, Collaborative Communication, Innovation, Strategic Thinking, User-facing Feature Development, Product Lifecycle Management, Software Development & Coding, Full Stack Development, Web Design, Object-Oriented Programming, C#, CSS, Git, HTML, SASS, RESTful APIs, Visual Studio, Visual Studio Code, Written & Spoken Communication, Team Leadership, Time & Deadline Management, Software Development Kits, Testing & Debugging

Professional Experience

MICROSOFT – Seattle, WA & (Remote) Tucson, AZ – 2021-2025
Multinational technology company supplying software, hardware, consumer electronics, and related services.
Software Engineer 2

Member of Payment Experience Service team that owns the UX / UI configurations for major Microsoft portals that accept payments, including Xbox consoles.

- **Added features to and maintained the Payment Experience Service.** Introduced new ways to pay (such as Venmo) for users across multiple Microsoft portals. Built new identity challenges. Developed and maintained a front-end SDK responsible for creating UI based on configurations returned from the Payments Experience Service. Authored and updated unit tests for both the C#.NET service and the previously used TypeScript SDK.

- **Collaborated cross-functionally with multiple teams** on architecture, design, security, and product management decisions for new features.

- **Involved in required security and compliance updates** across code base and Azure infrastructure, as mapped by security team Key Performance Indicators.

- **Owner of and required approver of pull requests** to docfx project / documentation.

- Occasional front-end work with React and TypeScript.

MICROSOFT – Seattle, WA – 2020-2021

Software Engineer (Contractor through AIM Consulting)

Contracted to build the first React Native versions of two separate existing software development kits plus multiple applications to test those kits, utilizing React Native, React Native Windows, TypeScript, and C#. Worked with Commerce Platform Payments team to onboard new payment instruments including CC, PayPal, and Bank Acct and to manage the customer check-out process at multiple Microsoft sites.

- **Successfully converted a monolith C# application** into a software development kit and two separate testing applications in another language.

- **Developed and installed** several important design decisions for software development kits and test applications. Delivered all assigned features and functions to team on time.

- **Added and extended functionality and endpoints** for service that builds and localizes dynamic forms requested by the PIDL software development kit. Wrote unit tests with the MSTest framework for added and extended functionality.

DATA DRIVEN DESIGN – Franklin, TN – 2018-2020
Boutique programming company offering custom software solutions and digital marketing strategies.

Software Engineer

Created custom software and Web applications utilizing Expo, React Native, and TypeScript for mobile development; JavaScript, Vue.js, and SASS for front end; and PHP & Laravel for back end. Conducted demos to clients and their customers showcasing progress on their custom software.

- **Created mobile app and web app** based on event transportation logistics. Web app enabled administrators to manage events, track event related data, book private black car transportation, and view/send notifications. Attendees mobile app allowed event attendees to view event information, schedules, bus routes, and to rate their ride experience.

- **Developed user group survey tool** to track data reports. Tool utilized Chart.js for infographics, drill-down data comparisons, and a learning sentiment analyzer.

BENARD HEALTH – Nashville, TN – 2017-2018
Health benefits brokerage and HR software company based in Nashville, Tennessee.

Software Developer

Worked on front-end and back-end development of the company's proprietary BerniePortal, an all-in-one HR platform.

- **Delivered several full stack features to BerniePortal** utilizing JavaScript, Vue.js, SASS, jQuery, PHP, Laravel, Drupal, and MySQL. Maintained, created, and refactored unit tests in modern and legacy code utilizing PHPSpec and PHPUnit.

- **Successfully assumed ownership** of a mobile app in Objective-C, quickly mastering this new language to fix existing bugs and update the app.

- **Implemented new feature** that allows user creation of health benefit plan templates that could be imported across multiple users and cloned, with updatable parent-child data relationships.

PRIOR EXPERIENCE

Professional Musician & Songwriter (member of several nationally touring bands) – 2000-2015

Education, Credentials, Technology

Certificate in Web/Full Stack Software Development – NASHVILLE SOFTWARE SCHOOL – Nashville, TN
Front-end development focused in HTML/CSS/JavaScript, jQuery, Angular
Back-end development focused in Python, REST, Django

Courses in Computer & Information Systems – NASHVILLE STATE COMMUNITY COLLEGE – Nashville, TN

Recognition: Nashville Software School Most Valuable Teammate, Nominee for Catalyst Award for demonstrating exemplary skills to grasp core concepts and progressing beyond curriculum.