Eric Stewart

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Senior Software Engineer

Proven engineer with a wide range of expertise in desktop, mobile, web, and service software

- ✓ **Excellent cross-team collaborator** who practices inclusiveness and assumes best intentions
- ✓ **Skilled in mentoring and educating** the team to build total effectiveness and competency
- ✓ **Passionate about privacy and security** of customer data and devices

Professional Experience

Senior Software Engineer – Microsoft Office (Jan 2020 – present)

On the Office for the Web Team:
- Delivered the "Catch-Up / While You Were Away" feature (both frontend and backend work)
- Delivered an Account Switching feature (both frontend and backend work)
- Delivered a scalable and secure API to simplify OAuth across several hundred domains

Senior Software Engineer – Microsoft Office (Sept 2018 – Jan 2020)
On the desktop File I/O team, lead the API design and implementation of key performance and reliability features across multiple partner and consumer teams.

- Designed and implemented a high-quality API set to load documents incrementally
- Updated legacy full-file APIs to transparently support loading documents incrementally
- Worked with API consumers to decrease document load times by 30% at the 95th percentile
- Acted as my team's representative in cross-partner discussions of performance, APIs, and designs

Software Engineer 2 – Microsoft Office (Nov 2014 – Aug 2018)
Improved upon and implemented a variety of file I/O and connectivity-related features for the team that builds co-authoring and background syncing for Office files.

- Owned end-to-end delivery of new features, including reliability and performance metrics
- Lead refactoring efforts to improve testability, extensibility, and developer productivity
- Built rapid prototypes of APIs, features, and tools to understand the feasibility of new projects
- Improved client responsiveness across scenarios via correcting of our use of OS Network APIs

Education

B.S. in Computer Science (2011) – **University of Arizona, Tucson, AZ**

Other Projects:
Primary Source Scraper - https://primarysourcescraper.com/ (Sept – Dec 2020)
A browser extension to put online news in context by making it easier to see how well-sourced your news is.