Eric Stewart

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Senior Software Engineer

Experienced engineer with a background in C++ and client applications, protocols, and refactoring seeking new challenges

✓ **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 (Sept 2018 – present)
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

Software Development Engineer in Test – Microsoft Office (Jul 2011 – Nov 2014)
Designed and executed on full stack test plans for file I/O and connectivity-related features. Built automation frameworks and tools for exposing bugs in client and server-side applications and protocols.

Education

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


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6AB0 A06F
12F9 879B
ADD2 DFCF
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