

Summary

Software engineering generalist with a track record of producing clean code, eliminating technical debt, and digging into challenging problems spanning multiple systems. Able to work closely with business users at all stages of the project life cycle, from requirements gathering to production bug fixes.

Professional Experience

- **X by 2** Farmington Hills MI
Software Engineering Consultant 2015 October – present
 - **Client engagement: Claims System for Fortune 500 P&C insurer**
 - Reimplemented the process of ingesting documents from an auto appraisal vendor, leading to much cleaner code and reduced occurrence of errors.
 - Worked with other IT departments in the client organisation (e. g. Enterprise Content Management and Financial Systems) to debug integrations with the claims system.
 - Solved production errors and assisted with handling end user complaints.
 - **Internal consulting project: Applicant Tracking / HR System**
 - Worked with X by 2 principals to determine requirements for a cloud based applicant tracking and HR administration system to replace various home-grown applications.
 - Researched potential system vendors to analyse their suitability to our requirements.
 - Corresponded with vendor representatives to set up demos with stakeholders.
- **Kettering University** Flint MI
Department of Computer Science : Research Assistant 2013 April – 2015 June
 - Organised lab activities for CS491 High-Speed Networking and Distributed Applications course.
 - Configured OpenFlow switches for Kettering's Laboratory for Advanced Network Applications.
 - Developed and tested OpenFlow controller applications and routing algorithms.
- **Kettering University** Flint MI
Department of Customer Service & Programs : Student Caller 2012 July – 2015 September
 - Invited prospective students to Kettering open house events.
 - Assisted in directing self-guided tour traffic during open house events.
 - Followed up with event attendees by phone calls and postcards.
- **Livio** Ferndale MI
Software Engineering Co-op 2012 September – 2012 December
 - Developed iOS apps and backend network code for trade show demonstrations.
 - Maintained client-facing documentation of Livio APIs.
- **New Eagle** Ann Arbor MI
Software Engineering Co-op 2010 October – 2012 June
 - Implemented PC applications to interact with embedded control units.
 - Created HMI applications to run on embedded display hardware.
 - Assisted product managers in evaluating candidate products for distribution.
 - Assisted in preparing product marketing materials and internal and external documentation.

Education

- **Kettering University**
 - *Coursework toward BS Computer Science, BS Computer Engineering*
 - Systems and Data Security concentration
 - International Studies minor

Flint MI
2010 – 2015

Skills

- **Programming languages:** Java; Python; JavaScript; \LaTeX ; C#
- **Frameworks:** Apache Camel; Guidewire ClaimCenter
- **Operating systems:** Linux (desktop & embedded); Windows
- **Networking:** Ubiquiti EdgeOS; TCP/IP
- **Workflow:** git; GitHub; JIRA; AccuRev; bash script