Orson Jones
Software Developer

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Clearwater Analytics — April 2012 – Mar 2021
Software Development Engineer
- Desktop account reconciliation tool and server
  - Stabilized tool from several crashes per day to rarely crashing.
  - Worked closely with users to identify and fix pain points.
  - Became one of the go-to people for making sure Java Swing UI changes worked correctly.
- Primary business library
  - Completed the task of breaking the main java business library into several focused libraries
  - Integrated updated libraries into the tools that used them.
- Created transfer inconsistency checking tool
  - Worked with accounting expert to identify and flag transfer inconsistencies.
  - Wrote tests and test creation tool to prevent checks from failing in the future.
  - Prototyped a cloud style version that was completed by another team.
- Accounting settings web-service
  - Worked with team to design and implement a REST based web-service to support multiple reports based on different accounting settings.
  - Created endpoint and data documentation
  - Integrated migration support that ensured a careful and smooth migration of settings.
- Amortization service
  - Worked with team to design and implement a REST based web-service to centralize amortization calculations and Angular web reconciliation tool.
- Amortization checking tool
  - Created a new amortization validation service and migrated existing checks to it.
  - When it needed more resources, moved it to a cloud style service.
  - Created new focused checks that had lower false positive rates and ran faster, then decommissioned older checks that were no longer useful.
  - Became domain expert for this tool after I left the team maintaining it.
- Accounting and reporting back end services
  - Built new features to support updated reporting requirements.

TechMedia Network — 2011 – 2012
Web Developer
- Created pixel perfect product pages in PHP according to references by in house designers.
- Extracted product data from old store software to be imported into a new engine.

Tool Skilled in: Java, Tomcat, JSON, Microsoft SQL, Git, Jira, Linux, Netbeans, Intellij
To a lesser degree: Svn, bash, Angular, Typescript, PHP, HTML, CSS