Chase Stewart

Kansas City, Missouri, 64111   816-591-7472 chase.a.stewart@outlook.com https://github.com/chaseste/

Education

KANSAS STATE UNIVERSITY, MANHATTAN, KANSAS UNITED STATES
Bachelor of Science Computer Engineering, December 2007

Skills

- 3 years managing engineers | solution designers, 7+ years leading teams, working with agile methodologies / scrums.
- 3+ years interviewing / hiring / onboarding new engineers.
- 11 years developing in Java along with 5+ years in C++.
- Experience with remote debugging Java applications along with troubleshooting C++ server crashes on Linux / AIX operating systems.
- Experience with Spring Cloud / MVC, J2EE (EJB), Tomcat, and the IBM Web Sphere application server.
- Knowledge of SQL, JDBC, XSLT, Groovy, Python, Shell Scripting along with supporting / troubleshooting services written in Scala.
- Knowledge of web development languages such as HTML/CSS, Javascript, JQuery, Angular, Ecosystems such as JHipster and Python web frameworks such as Flask.
- Experience with performing test-driven development using testing frameworks like Junit, pytest.
- 7+ years working with continuous integration (Maven, Hudson / Jenkins).

Professional Experience

CERNER CORPORATION, KANSAS CITY, MISSOURI UNITED STATES

Awards / Leadership programs

- *Accelerate Leadership Program*
- *IP Townhall Quality Achievement Award*

Data and Engineering Services: Data Migrations Development
Develop, maintain, support, and improve the tools for data migrations. This included clients either new, exiting, merging with each other, or consolidating domains to cut hosting / support / maintenance costs.

Engineering Manager - Feb 2018 – Aug 2019

Prior to 2018 the development was undertaken by the data migration consulting team. The task at hand was to create an edge development team responsible for the tooling, support the 109-person consulting arm that generates 50M annually and work with stakeholders to cut the time required to perform migrations. This required hiring new engineers | solution designers, creating a development process aligned with Cerner IP, consolidating / standardizing / transitioning the tools to GitHub, working with project management to align project hours to implement requested changes, coordinating releases with active projects, creating communication channels for defect | enhancement requests, and defining an onboarding / training plan for new engineers. In addition, our team was heavily involved in the development of the VA 500 petabyte patient data migration process. This required working directly with the VA / DoD along with multiple Cerner IP, Consulting teams to define functional requirements including CernerWorks to define the security / hardware / hosting requirements for the exchange of data between the VA, DoD and Cerner.

Millennium Services: Foreign Systems Integrations
Develop, maintain, support, and improve Cerner Millennium's inbound / outbound interfaces. Coordinate and perform broad technical designs. Lead and drive projects. Mentor associates within the team. Drive process improvement and architectural change. Coordinate collaboration with other teams to facilitate requirements and technical discovery.

Engineering Manager - Oct 2017 – Jan 2018

Managed a team of 14 along with 7 direct reports working on the uplift of Cerner Millennium's outbound HL7 ADT interface from 2.3 to 2.8.2. This required designing a testing framework for outbound interfaces for all new outbound interfaces to use. Up to this point everything was verified manually. Design was coordinated between 2 senior architects and a third-party contractor. Tasks were managed / coordinated between two project managers. For 2.3 FSI owned the transport (engine) while person management owned the message (content) creation. Our leadership decided to take ownership of the entire workflow since FSI managed the brunt of support. This required learning / updating / rewriting 1000+ requirements, 30+ scripts, creating 1000+ automated tests while coordinating a joint package with our India counterpart who was working on Outbound Orders defects. 10 of the 14 team members were new hires acquired during the project. This required staggered onboarding / team mentorship strategies. Our group worked closely with our consulting arm to ensure passivity / correctness through joint testing events via an internal testing environment. This was crucial. ADTs are the backbone of any system since most clients are not a one shop (vender) ecosystem. The initial rollout went well with only a couple defects that did not prevent the go live from moving forward.

Associate Lead Software Engineer, Oct 2015 – Sep 2017

Selected project:

- Architected and lead the migration process of data from the Defensive Medical Information Exchange (DMIX) into the DoD Cerner Millennium domain. To accomplish this in a short window of time a process developed for Meaningful Use Stage 1 was repurposed. The process was mostly shelved due to the limited guidance for implementation in stage 1. The process had to be adopted to DoD's requirements while fixing the short comings that limited its usage. This included defect corrections, the creation of an automated testing framework, creating requirements for functional use cases while making an educated guess at how the DoD process would work without being able to talk to them since the contract had not be awarded yet. Additional work was required once the contract was awarded though we did a decent job at anticipating how things would work.

Senior Software Engineer Foreign Systems Integration, Oct 2011 – Sep 2015

Selected project:

- Architected and leaded the hardening of the Continuity of Care Document generation process within the Cerner Millennium EMR. This included defect corrections, the creation of an automated testing framework, synching requirements with functional use cases, and adding additional features to enhance existing workflows / content required for Meaning Use Stage 2.

Software Engineer Foreign Systems Integration, Jan 2008 – Sep 2011

Selected projects include:

- Developed the extraction of clinical documents from within the Cerner Millennium EMR to exchange via the Cross-Enterprise Document Exchange (XDS).
- Contributed to the porting of backend server code to Linux. This included tracking down and fixing memory leaks that manifested themselves while performing targeted regression tests.
- Contributed to the development of 5010 claims and remittance support within the Cerner Millennium practice management system.