Michael Dylan Henderson

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Experience

February 2018 – PRESENT

Kahua, Inc. – *Senior Software Engineer*

- Worked on a Document and Cost Management platform and custom applications using that platform for customer business needs, primarily targeting the construction industry.
- Implemented enterprise scale Cost Management solutions for large construction customers.
- Maintained and upgraded web store for purchasing licenses, applications, and for providing web front-ends to integrated services.
- Maintaining and enhanced multi-lingual support for international customers.

C#, SQL Server, WPF, Razor, Jquery, TFS

February 2018 – PRESENT

CollabNet – *Software Engineering Consultant*

- Continued to maintain and enhance features of the VersionOne Lifecycle application on a contract basis.

April 2014 – February 2018

VersionOne/CollabNet – *Software Engineer*

- Developed an Agile Application Lifecycle Management application for end to end Team to Enterprise level planning and tracking.
- Team focus on Reporting, Analytics, and Visualizations to create comprehensive overviews of system data using Highcharts and other tools.
- Datamart work to denormalize DB for external reporting engine (star schema).
- Started and maintained internal wiki for L3 support to reduce time spent diagnosing problems and solving repeat issues.
- Championed the adoption of a modified Git Flow model for managing features and releases.
- Technical Lead/Architect for:
  1. Scorecard Visualizations – Big Picture/Portfolio Level visualization pages for tracking high level progress and display on monitors around work areas
  2. Team Status – Application wide changes to allow for individual Teams to more finely control their own workflows
  3. Iteration Management – Updates to Iteration Planning/Tracking pages and their visualizations
  4. Tech Debt Elimination: Year 1 – Served as Lead/Organizer for the initial year of Tech Debt Sprints, special sprints occurring following releases to work on prioritizing and eliminating technical debt.

C#, Spark, Razor, React, Highcharts, Rhino Mocks, Chai, Enzyme, LESS, SQL Server, Agile, Git

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June 2012 – April 2014

Pamlab Development – *Software Engineer*

- Greenfield Groovy/Grails project Pharmacy Management system for a mail order specialty pharmacy.
- Handling of all pharmacy data input and filling functions as well as customer information, order management, credit card processing, accounting system integration, shipping, and call center management.
- Clojure service developed for providing an API to perform insurance adjudication.
- Worked with Pharmacists to ensure strict adherence to HIPAA and other reguations

Grails, Groovy, Clojure, LESS, Liquibase, Kanban, PostgreSQL, Git

October 2011 – June 2012

S1 Corporation/ACI Worldwide – *Application Software Engineer*

- Performed Proof of Concept system development under direction of CTO to build an experimental new debit card management system to replace current company offering.
- Strict REST backend which customers could interface against themselves, while providing a highly customizable default frontend in Silverlight.

Java, Guava, Guice, Restlet Framework, JAXB, SLF4J, C#, Silverlight, Liquibase, Perforce

August 2008 – October 2011

S1 Corporation – *Application Software Engineer*

- Developed customized solutions for customer Electronics Funds Transfer system needs for online processing, extraction, reconciliation, terminal management, interchange processing, card management. Spent time on site with customers for installation and maintenance.
- Performed remote and on-site certifications with customers with debit card exchanges and support for issuer and processor system conversions.
- Responsible for data reconciliation and extraction development for largest customer conversion in company history.
- Provided 24/7 support during critical post-conversion periods.

Java, Python, Eclipse, SQL Server 2000/2005, Junit, Perforce

Education

August 2004 – August 2008

Georgia Institute of Technology – *Bachelor's of Science in Computer Science*

Specialization in Information Security

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Personal Projects

News Aggregator

- Multi source news aggregator service with simple frontend
- RSS, Twitter, Reddit, Darksky
- v1 written in Kotlin, Exposed + SQLite, running in Tomcat.
- v2 in progress (frameworks/libraries below), primarily to enable multi user management

Kotlin, Spring, Project Reactor, MongoDB, Vue.js

www.hopewellbroadband.com

- *Basic portal and contact front end for discussing municipal broadband ideas with neighbors*

Angular.js, Bootstrap, Firebase

www.dillius.com

- Simple homepage for providing contact information, hosting files, and acting as an authenication proxy for other services.

Python, Django

Vet Calculator

- Clojure experiment to provide calculations for veterinary medicine such as dosage rates and IV flow rates.
- Published simple Leiningen plugin to automate LESS file compliation via NPM LESS compiler.

Clojure, Compojure, Leiningen, Bootstrap

Hobbies

Krav Maga
Amateur Radio
Reading (Philosophy, Psychology, Investing, Fantasy, Sci-fi)
Mandarin Chinese