

Kevin A. McIntyre

Full-Stack Software Developer

SUMMARY

A skilled full-stack software developer with experience leading teams, architecting elaborate systems, and working with complex data. Having said that, I'm careful to only build things as elaborate and complex as the problem requires.

EXPERIENCE

Lead Software Engineer, Pinnacle 21

Blue Bell, PA — February 2014 - Current

Reported to the CEO as a member of the leadership team and the technical lead of an eight person team. Developed a feature rich web-based (SaaS) solution to managing clinical trial metadata used by the FDA and throughout the pharmaceutical industry.

Accomplishments

- Valued member of the company's leadership team where I take part in the discussion of business decisions that help shape the direction of the company. Trained by executive team consulting firm, The Table Group.
- Performed quarterly performance reviews for team; created and conducted technical interviews for all technical candidates as well as onboarding plans.
- Acted as scrum master (I'm certified) while initializing a scrum-based development process
- Lead the development of a metadata repository that utilized a dynamic data model
- Wrote a dynamic schema comparison reporting tool used to detect differences in metadata
- Architected and implemented a user management system using AWS Cognito, AWS Lambda, and AWS API Gateway
- Developed a number of tools to assist in the validation and generation of standardized FDA submission documents, vastly decreasing the time-to-market of pharmaceutical drugs for top tier pharmaceutical companies
- Traveled to Japan to perform and document an on-premise software upgrade for the Japanese regulatory agency
- Implemented both Username/Password and Single Sign-On (SAML 2.0) authentication from scratch (I did use a library for SAML), as well as role based user account authorization
- Architected rich, data-centric user interfaces in React/Redux
- Wrote the company's standard React component repository and helped establish best practices
- Modelled complex data for use within a relational database
- Regularly interacted with clients to discuss on-boarding, bugs, and general inquiries related to the software

Intern Software Developer, Guiding Technologies

Philadelphia, PA — January 2015 - May 2015

Worked part-time as an intern for a Temple University professor's start-up in exchange for class credits.

Accomplishments

- Wrote a library for the validation of complex web forms in Javascript
- Configured their web server (Apache Tomcat) to use SSL in order to secure HTTP traffic
- Helped with the redesign of their website

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Website: <https://kev.codes>

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EDUCATION

Bachelors of Science in Computer Science, Temple University

Philadelphia, PA — 2013 - 2016

GPA: 3.4

Transfer Student, Bucks County Community College

Newtown, PA — 2011 - 2013

GPA: 3.7

SKILLS

PROGRAMMING

- Javascript
- React
- Node.js
- Java
- Play Framework
- SQL
- Go
- Python

SOFTWARE DEVELOPMENT

- Microservices
- REST
- Data Modelling
- Application Architecture
- API Design
- IPC
- MVC
- Agile Methodologies

DEVELOPER OPERATIONS

- Linux
- Bash
- Docker
- AWS Lambda
- AWS API Gateway
- Git

NOTABLE PROJECTS

Pokemon GO Notifications

A Google Chrome extension that provides desktop notifications to users of nearby pokemon when they spawn in the game. It was designed in the style of Google's material design specification and featured blacklisting of pokemon and automatic location detection. The app received 7000 downloads within a week of release and yielded highly favorable reviews. The project is currently inactive due to Niantic, Inc. requesting their non-public API no longer be used for such projects.

GoTorrent

A BitTorrent client written for a software design course. The client, written using web technologies and GitHub's Electron, utilizes IPC to communicate with a backend process written in Go.

INDUSTRY EVENTS ATTENDED

LibertyJS

Philadelphia, PA

October 2016

June 2015

July 2014

Penn Apps XII

Philadelphia, PA

September 2015

React Rally

Salt Lake City,

UT

August 2016

Emerging

Technologies for
the Enterprise

Philadelphia, PA

April 2017

GOTO Chicago

Chicago, IL

April 2018

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