

SUMMARY

Full-stack developer with 8 years of experience developing applications in C#, Java, and JavaScript

EXPERIENCE

Effective Programming for America (EPAM) — *International Consulting Firm for Fortune 1000*

Senior Software Developer

September 2018 - Present, Shenzhen, China

- Contributed to a structured funds platform with heavy microservices and email integrations (Java, Play Framework, Oracle DB, React)
- Designed a greenfield web application to automate a previously manual workflow for processing corporate action events for a global investment bank (C#, .NET Core, React, Redux, JavaScript, mongoDB)
 - ◆ Following an agile workflow, the initial proof of concept was demoed after the first two-week sprint
 - ◆ Continued to integrate user feedback in an agile setting until shipping the full featured web application to the bank's production system
 - ◆ Set up continuous integration and delivery via Bitbucket and TeamCity, Elasticsearch logging, and Nginx OpenResty for reverse proxy authentication
- Conducted technical coding interviews for applicants resulting in the hiring of 2 new members for the engineering team
- Mentored junior developers on Test Driven Development best practices for .NET Core and React, and presented lessons learned in a department brown bag meeting

Epic Health — *Software Vendor for Healthcare Organizations Serving 250 Million Patients Globally*

Software Developer

July 2012 - July 2017, Madison, WI, USA

- Coordinated with leading endocrinologists at the Stanford Children's Hospital and the Park Nicollet International Diabetes Center on user stories and UX design to allow doctors to create insulin dosing regimens for diabetic patients in Epic (TypeScript, C#, .NET MVVM, SQL)
 - ◆ Rigorously tracked development progress in a Gantt chart, and led daily stand-ups to meet strict timelines until the product was feature-complete
 - ◆ Brought endocrinologists onto an advisory panel to continue to give feedback throughout the development and implementation process
- Contributed to the Epic MyChart mobile application, a top featured medical application on the iOS App Store and Android Google Play Store, including prototyping integration with Amazon Alexa and Google Assistant APIs via OAuth 2.0 (Java)
- Analyzed performance of a long-running batch job processing hundreds of thousands of patient billing records each night; optimization of disk reads and caching as well as an adaptive multi-threaded solution shaved hours off the run time at large hospitals (Caché, Epic Chronicles DB)

ID Tech — *Mobile and Retail Payment Solution Provider*

Intern

December 2011, Shanghai, China

- Ported an Android application to Blackberry OS for a mobile phone credit card reader attachment (Java)

EDUCATION

Western Kentucky University

B.S., Computer Science, minor in Mathematics, with honors

May 2012, Bowling Green, KY, USA

SELECTED OPEN-SOURCE PROJECTS

[React-ts-tdd](#) (2019) - An ongoing React/TypeScript web application using the Github GraphQL API, serverless functions backend with FaunaDB, and targeting a JAMstack architecture

[Reef Life Survey - Species Explorer](#) (2018) - Android application for exploring tropical fish species, written in Java and Kotlin