

## Zarek Alexander Parker

### PROFILE

Experienced full stack engineer looking to focus on mobile application development.

### EXPERIENCE

#### LEAD SOFTWARE ENGINEER, HUMANA INC., LOUISVILLE, KY 2014-PRESENT

Working on a team that acts as an incubator for other engineering teams in the company. We pair program with the other engineering teams, starting or rewriting their projects from scratch in an effort to teach TDD and best programming practices.

Recent projects: VueJS frontend with ASP.NET Core backend, UIKit and SwiftUI iOS 13 application with ASP.NET Core backend

Other projects of note: Rewrite of the entire Humana Pharmacy app from Objective C to Swift, rewriting the monolithic back-end in microservice architecture (C#), as well as helping to rewrite the Android application in Kotlin.

#### SENIOR SOFTWARE ENGINEER, ONTRAC, LOUISVILLE, KY 2011-2014

Worked on rewriting applications from Delphi to C# with WPF frontend, along with database redesign and web service upgrades. Created several tools used to track and analyze shipment facility efficiency.

#### SENIOR SYSTEMS DEVELOPER, HOMECARE HOMEBASE, LOU, KY 2005-2011

Converted existing Delphi applications to C#. This included redesigning the UI for usability and redesigning the database for performance. Developed software used to manage patient clinical records. Worked heavily in T-SQL in conjunction with Delphi and C# module development.

#### WEB DEVELOPER, LIGHTYEAR COMMUNICATIONS, LOUISVILLE, KY 2005

Responsible for maintenance of two major web portals used to modify settings for user's VoIP phones. Developed several back-end Java modules designed to integrate with existing web portals and telecommunication systems.

### EDUCATION

#### UNIVERSITY OF LOUISVILLE, J.B. SPEED SCHOOL OF ENGINEERING

MASTER OF ENGINEERING IN COMPUTER ENGINEERING AND COMPUTER SCIENCE, 2005

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING AND COMPUTER SCIENCE, 2004

### SKILLS

TDD/BDD Frameworks: ViewInspector, Quick/Nimble, Mocha/Chai, Cuckoo, Jest, Cedar  
iOS: Swift, SwiftUI, Auto layout, Objective C, Cocoapods, Swift Package Manager  
Other: C#, 12-factor microservices, ASP.Net Core 3, VueJS, T-SQL, MySQL

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