Luke Davis

Software Developer

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Skills

iOS Development
Swift 4, Objective C, XCTest, Carthage, Apollo

Android Development
Android 7, Java, Volley, Mockito

Backend Development
Node.js (Express), ES5/ ES6, Rails 5, GraphQL, Docker

Clean Code
OOP, SOLID, POP, TDD/ BDD

Database
Postgres, MySQL, MongoDB, SQLite

QA Automation
Cucumber, Ruby, RSpec

Web Development
React, Redux Architecture

Addition Proficiencies
Git, Scrum, Jenkins, Markdown

Education

Jun 2007 - Jul 2011
Bachelor of Science, Computer Engineering Technologies
DeVry University, Columbus, OH
GPA: 3.95

Experience

Nov 2017 - Present
Senior iOS Engineer
ZeeMee, Redwood City, CA
Senior engineer on the iOS team providing technical support and new features for a mobile application which allows colleges to engage with students.
- Optimized client side GraphQL queries by establishing patterns and client setup based on best practices
- Increased user retention by 50% through implementation of a flexible notification system, which uses a custom router, allowing easy addition of multiple types of notifications as well as deep linking
- Successfully integrated a new ejabberd chat client, allowing for direct communications between colleges and students
- Added a custom live streaming solution enabling both broadcasting and viewing from the user's mobile device

Oct 2014 - Present
Lead Developer/ Owner
Lucky 13 Technologies, LLC., Columbus, OH
Partnering with software firms to build custom mobile applications and backend services for customers such as Scotts® and Bold Penguin.
- Designed and implemented features providing in app audio/video chat capabilities for a social networking platform
- Developed a custom Android based door to door sales app which allowed for card present credit card transactions
- Provided support for existing PHP application used for sales rep management
- Created an API only Rails 5 application used for an insurance eligibility rules engine

Jun 2015 - Jul 2017
Lead Mobile Application Architect, eCommerce
The Wendy's Company, Columbus, OH
Lead engineer on the Wendy's eCommerce Application Development team with primary focus on the iOS and Android platforms, while providing technical guidance on best development and Scrum practices across the eCommerce Application Department.
- Led iOS application refactor of the current Wendy's application involving converting code base from a singular Objective C code base to Swift modules, which led to a 1438% decrease in reported bugs
- Guided Junior and Core members in TDD practices, resulting in a code coverage increase from 6% to 75%
- Partnered with stakeholders to vertically slice a large set of requirements to reduce the risks of an application redesign project
- Worked directly with UX team to ensure a unified and polished product

Nov 2014 - Jun 2015
Senior Application Developer, eCommerce
The Wendy's Company, Columbus, OH
Joined Wendy's to form and lead new eCommerce development team as part of the new Wendy's innovation space, 90º Labs. Worked with the department Director and other lead engineers to establish the foundation of the new department.
- Developed a Kiosk POC, which has led to the self-ordering kiosks that are deployed today
- Leveraged Bluetooth Beacons and Geofencing techniques to provide a unique

Certifications

Aug 2014
Professional SCRUM Developer
Scrum.org

Aug 2013
Professional SCRUM Master
Scrum.org

Jul 2013
OCPJP (Oracle Certified Professional Java Programmer)
Oracle

Interests

IoT
Bluetooth 4+, Raspberry Pi, Node Red, Arduino

Travel
Hiking, Kayaking, Food, Culture

Music
Guitar, Keyboard, Theory

ordering experience for iOS and Android users
- Focused effort on prototyping many of the features now implemented in the Wendy's mobile applications
- Instrumental in the development of the product foundation, CI, and Automation Scripts to support the new iOS, Android, and Web applications; *Wendy's App (iOS)*, *Wendy's App (Android)*

Feb 2013 - Nov 2014
Solutions Developer
Leading EDJE, LLC., Columbus, OH
Member of solutions delivery team, providing expertise in custom applications development and business solutions utilizing leading edge technologies.
- Developed new features on a client/admin portal project utilizing Java backend and frontend technologies
- Built a native Android forklift management application; also, exposed HTTP endpoints using Java technologies, *Crown Infolink®*
- Created a warehouse fulfillment solution proof of concepts leveraging Google Glass and Bluetooth 4.0
- Performed security audit, based on OWASP for mobile guidelines, for DSW's eCommerce iOS application

Jun 2011 - Feb 2013
Developer
Motorists Insurance Group, Columbus, OH
Developed and supported new features for existing home and life insurance agent portals as well as the Motorists Mobile Application projects.
- Provided support for Home Lines Agent Portal application utilizing Java technologies
- Migrated the internal Life Insurance Workflow system from VB to C# along with creating a unit test suite
- Mentored in Android and iOS development, testing, and deployment for the Motorists Insurance and Iowa Insurance mobile applications; *Motorists App (iOS)*, *Motorists App (Android)*

2012 - 2013
Lead Developer/ Partner
Design Linx, LLC., Newark, OH
Designed and created an interactive wedding planning website, Wedding Linx, which connected DIY wedding planners with vendors.
- Leveraged ASP.NET 3.5 to create wedding planning platform with in app messaging, rating, and vendor bidding systems
- Designed application data model and implemented on SQL Server database, including tables, stored procedures, and triggers
- Developed a module integrated with authorize.net to add payment functionality to the site

2000 - 2012
Electrical Journeyman, Foreman
Goodin Electric, Newark, OH
Lead foreman on over 20 commercial and industrial projects, with varying environments, team sizes and complexity.
- Installation of a diverse set of electrical systems, ranging from advanced lighting controls to custom plastic recycling automation to commercial grade kitchen equipment