

Jacob Lewis

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Software Engineer/Developer

Full Stack Developer ■ Mobile App Design and Development ■ Database Systems

- **Creative developer** who has both an eye for design as well as one for coding. Simplification of both the UI and the code under the hood is very important.
 - **Experience** in all relevant programming languages.
 - **Well-equipped for debugging** – has a strong background in analyzing code and finds ways to approach fixing any bugs.
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Technical Tools

Kotlin, Java, Typescript, JavaScript, Swift, Jira, .Net, JSON, XML, PHP, HTML, CSS, LESS, AS3, Visual Studio .Net, Android Studio, Eclipse, Dreamweaver, SQL, MS SQL Server, MySQL, jQuery, REST APIs, C, C++, C#, IIS, Git, basic Unix commands, and more.

Professional Experience

Mid-Senior Mobile App / Software Developer, 2017 to Present – Bosch USA, Mount Prospect, IL

I am currently working for Bosch as a Mobile App developer. I have been with them since early 2017 supporting them on various projects:

- Experience utilizing/maintaining CI/CD systems with Jenkins & Azure DevOps for both Android and iOS.
- I have an excellent understanding of Agile / Scrum methodologies.
- Experience using the latest software techniques such as dependency injection/platform-specific architectures.
- I am encouraging unit testing to be not only a priority but a requirement for all code.
- Developing Apps for Connected IoT devices via BLE.

Independent Software Developer, 2010 to Present

While in school, I have been developing software for both myself and the Play Store. My current passion is Android development, but I have developed applications for iOS (Swift):

- Experience developing C# server code to access MS SQL Servers for mobile apps. Specifically, I have developed an app for both Android and iOS for a company's CRM business to access and modify database entries.
- Experience developing PHP and Python server code to access MySQL for websites and mobile apps.
- I am very familiar with all Adobe products for design and development.
- I am always trying to find new ways to develop code.
- Over the years, I have implemented creative math-oriented algorithms into my software to give the user a unique experience.

- Over the past seven years, I have built many techniques for developing in an object-oriented environment.

Part-time IT Internship, 2015 to 2017 – PMA Financial, Naperville, IL

During school breaks, I am hired in the IT department at a financial firm in Naperville:

- I help support the business by providing technical support where needed and computer setup/maintenance.
- Helped build, install, and maintain projects from custom PC builds to wireless networks.
- Experience working in a small team to solve problems.

Other Experience

Sales and Repair at Sprint, 2012 to 2015 – Sprint (non-corporate), Wheaton, IL

I worked at a Sprint store for three years in sales and repair. I started this job knowing very little about sales while still in high school. Over the years, I learned many techniques and practices that not only helped me become successful in my later careers but have also helped me navigate life:

- While at this job, I learned how to communicate clearly with people that I have just met.
- I created small web-based tools for our group to utilize during sales to improve productivity.
- I built an understanding of customer service and the patience that is needed to handle consumer needs.

Education

UNIVERSITY OF ILLINOIS AT CHICAGO (UIC) – Chicago, IL

Bachelor of Mathematical Computer Science (MCS) - 2017

COLLEGE OF DUPAGE (COD) – Glen Ellyn, IL

Associates in the Arts (AA) - 2015