

# Jacob Lewis

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## Software Engineer/Developer

*Full Stack Developer ■ Mobile App Design and Development ■ CI/CD 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 critical.
  - **Well-equipped for debugging** – has a strong background in analyzing code and finds ways to approach fixing any bugs.
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## Objective

To impact my local or global community by helping create/maintain software that fundamentally improves their lives and further stretch my skills by learning new technologies.

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## Top Technical Tools / Languages

- Kotlin, Java, Typescript, JavaScript, jQuery, NodeJS, Swift, C, C++, C#, .Net, JSON, XML, PHP, HTML, CSS, LESS, AS3, MS SQL Server, MySQL
  - Android Studio, Git, Jira, Visual Studio (code), Eclipse, Dreamweaver, IIS
  - REST APIs, OAuth, Basic Unix commands
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## 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.
- Have an excellent understanding of Agile / Scrum methodologies.
- Experience using the latest software techniques, such as dependency injection/platform-specific architectures.
- Encouraging unit testing to be not only a priority but a requirement for all code.
- Developing Apps for Connected IoT devices via BLE.
- Developing Secure Apps that utilize SSO via managed devices as well as OAuth.

### **Independent Software Developer**, 2010 to Present

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, creating an Android and iOS app for a company's CRM business to access and modify database entries.

- Experience developing PHP and Python server code to access MySQL / MongoDB for websites and mobile apps.
- Very familiar with IntelliJ IDEs for developing in any language.
- Very familiar with all Adobe products for design and development.
- Always striving to find new ways to develop code.
- Have implemented innovative, math-oriented algorithms into the UI to give the user a unique experience.
- Over eleven years of developing in an object-oriented environment.

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

In between breaks while attending University, I was hired in the IT department at a financial firm in Naperville:

- Helped 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.

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## 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:

- Learned how to communicate clearly with newly met people.
- Created small web-based tools for our group to utilize during sales to improve productivity.
- Built an understanding of customer service and the patience that is needed to handle consumer needs.

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## 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**