

William E. Ward Jr.

Developer/Sys admin

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Summary

Web, mobile, and desktop application developer for over 8 years with systems administration experience in Linux, Unix, Windows, and Cloud Computing with emphasis in DevOps.

At thirteen years-of-age, William began his first technology company, WillWorks, where he served local clientele with websites, native desktop apps, and iPhone apps.

Since then, William has attended Texas Christian University where he sold WillWorks, developed several new applications, and acquired several new skills.

His main competencies and interests include hybrid and fully-virtualized server environments, cloud com-

puting, containerization and related technologies such as Docker, and DevOps.

Currently, William contributes to several open source software projects including Rancher, Lego/ACME, Django security libraries, and Docker tools. He maintains a few projects himself ranging from Django plugins to Systems Administration tools.

In his spare time, William enjoys playing piano, researching new technologies, and growing tropical plants. He also volunteers his time and technology resources at [Simple Sending](#), [EasyBites](#) by Meals On Wheels, Inc. of Tarrant County, [Shine Therapy](#), and [Snappfund](#).

Experience

[GivePay Commerce, LLC](#)

Chief Information Officer

FORT WORTH, TEXAS, USA

June '17 – present

GivePay Commerce is an innovative FinTech company with a focus on connecting people, places, and community through commerce. GivePay Commerce promotes acquiring through price, technology and relationships. The company successfully completed its Series A funding cycle to support monetizing payments via an innovative new flat-rate payments solution and crowdfunding platform (under development). At GivePay Commerce, William is responsible for the high-level planning of GivePay Commerce's technology efforts and manages its talented development team. William makes direct contributions to the development efforts and expressly determines the direction of company's strategic technological goals. GivePay Commerce leverages burgeoning and cutting-edge technologies such as Go, C#, ASP.Net Core, NATS, and Cassandra. William also serves as the company's sole system administrator and application architect.

[Ward Development](#)

Senior Developer

FORT WORTH, TEXAS, USA

August '14 – present

Ward Development is a full-stack development firm serving client across the globe. Ward Development requires quick development, fast deployments, and zero downtime. At Ward Development, William manages the Cloud infrastructure, the container orchestration services, and DevOps technologies. William also serves as lead developer, account relationships manager, and contracting lead. Through Ward Development, William is able to give back to the community by teaching electronics lessons, and aiding individuals in web development through education. A full list of projects can be found on the Ward Development website.

Macrobits

CIO & Systems Administrator

FORT WORTH, TEXAS, USA

November '13 – August '14

Macrobits was born from the soil of Silicon Valley and moved to Texas for the rich academia. William served as CIO directing client relationships and managing projects. William also served as the on-hand systems administrator where he leveraged Cisco and HP technologies to construct a hybrid network with various virtualization technologies.

[Texas Christian University](#)

Application Developer & Cloud Computing Advocate

FORT WORTH, TEXAS, USA

October '13 – June '17

TCU leverages a large and diverse infrastructure to support its over 10,000 students. William reengineered both iOS and Android mobile applications while introducing and implementing an on-premises Docker infrastructure. As a liaison to the student community, William is tasked with maintaining the overall presence of the mobile and web applications on-campus. In his employment, William uses technologies such as Docker, Rancher, Python/Django, .Net MVC, ASP.Net Core, PHP, iOS, and Android.

WillWorks

Solutions Manager

WillWorks began as a small project to learn Microsoft .Net technologies. Eventually WillWorks grew into a firm serving a few clients and supporting 7 iPhone and Android apps. William founded and operated the company until it was bought by Macrobits in 2014.

ALEDO, TEXAS, USA

November '07 – March '14

Education

Texas Christian University

Degrees

Bachelor's degree in Computer Information Technology
Minor in Music Performance – Piano

Involvement

App Club, President
Upsilon Pi Epsilon—Computing and Information Honor Society, Member

FORT WORTH, TEXAS, USA

2013 – 2017

Skills

Technical expertise:

Programming Languages:

Java, C#, Objective-C, Python, Go, PHP, Ruby, HTML, CSS, Bash scripting, Visual Basic, C++, C, JavaScript, and Arduino. Enjoys the methodologies of Scala and Swift.

Data Technologies:

MySQL, MariaDB + Galera, PostgreSQL, MongoDB, Cassandra, HBase, Redis.

Frameworks:

iOS SDK, APNS, OS X, Android, GCM, Microsoft .Net, ASP.Net, ASP.Net Core, .Net MVC 4–6, Django, Bottle, SQL Alchemy, Flight, JQuery, Bootstrap, Wagtail.

Computing:

Educated in Cisco Routing and Switching; familiar with HP, Dell, and IBM servers; research on Docker, containerization, cloud computing, DevOps, and resource utilization efficiency; great amount of experience with Linux/Unix system administration; makes heavy use of several AWS products including: EC2, S3, SNS, and Route53; experienced with IoT technologies including Arduino.

Certifications

Development

Google Certified Associate Android Developer

December 1st, 2017

Interests

Horticulture, Classical Music, Cleanliness and Organization, Jeeps, Piano, Arm-chair psychology / sociology