Adrian Callies

PROFILE

Software engineer with a broad set of academic experiences, leadership qualities, communication skills, a passion for computer programming, software design; seeking software engineering roles.

CONTACT

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TECHNICAL SKILLS

Programming Languages: Python, C#, HTML/CSS, JavaScript, Java, SQL, C++, C, Visual Basic, PHP, Cucumber, Razor, XML, JSON, Markdown Language, MongoDB, REACT

Coding Environments & Frameworks:

Eclipse, Spring, XCode, IDLE, Visual Studio, Git, Bash, Visual Studio Code, Microsoft SQL Server Management Studio 2012, QT Creator, ASP.NET MVC, ASP.NET CORE AWS, Azure, SQL Server Data Tools, REACT, MySQL, Kendo UI

EDUCATION

Computer Science B.S.
Degree Azusa Pacific
University: Azusa, CA
Graduated: December 2018

ACTIVITIES & INTEREST

Pluralsight Course: Building REST API's with ASP.NET Core

Pluralsight Course: ReactJS Fundamentals

Developed Digital Portfolio Application using REACT (w/ Continuous Deployment)

Currently enrolled in a 2-Year Seminary Program (Part-Time): Azusa Pacific University

LEADERSHIP EXPERIENCE

- Az Azusa Pacific University 2019-2020: Software Engineering Advisor: Currently coaching 5 rising Software Engineers that represent one of several Sr. Software Design Teams at this University. The goal is to guide them through designing and building a mobile application, using the Software Development Process Life Cycle for several months.

EXPERIENCE

ETAP: November 2020 – Present
Software Engineer

ETAP is an operation technology company that offers various software products that perform data analysis on embedded power systems that serve as real-world functions within the electrical industry. The systems can provide monitoring, visualization, design and simulation and all sorts of interactive features for the user experience. I work with the Real-Time Team that is responsible for all applications that consume and process real-time data from those same electrical machines of operation.

- The Google Project: Individual Contributor for implementing a system that will be used by Google Inc. Manufacturing. I am responsible to developing various features on this application, within the Software Development cycle (agile environment). I will also be supporting the features that I have implemented after production.
- Support and enhance our Desktop/Web UI's which, mostly use Telerik's Kendo UI Framework, programming in JavaScript/jQuery.
- Support and enhance the back end of our server-side applications, utilizing C#/.NET Framework and MongoDB
- Maintain and support our mobile products, which are cross-platform between iOS and android (w/ Xamarin, C#, JavaScript).
- We use Continuous Development/Continuous Delivery for all our products.

CALPORTLAND: June 2018 – June 2020 (Intern with company in similar position-2017)
Software Developer (Full-Stack)

Brought in by Guinness World Record's building materials company that is responsible for producing cement and construction material products in the west coast of the United States. Latest Project: Construction of the new Los Angeles Ram's stadium. I work at the company headquarters to develop and maintain enterprise web applications that use an ASP.NET MVC4 Framework (programming in C#) & SQL Server Management Studio 2012 (Back-End), which is used internally within the DevOps environment to enhance data maintenance and meet other business needs of the company.

- Working with senior developer for algorithmic solving, software design, and development in an agile environment.
- Supporting and maintaining several(data-driven) applications in production using CD.
- Recently developed and deployed web application into production for Safety Training facilities across the company, using the software development cycle.
- Recently developed a software system that automates the process of UI Testing for web apps, using Object Oriented Design (utilizing White, Black, and Grey box Testing Techniques). The design and framework (.NET Core) are reusable for several different web applications that are in our production for QA at scale.
- Built and tested a sandbox REST API, using ASP.NET Core to assess application data security for the company's truck cement ticket system.
- Completed the entire documentation of our Timeclock-Payroll legacy system for developers of third-party consultant companies that we partner with for Back-End migration. Also, contributed to past migration of the legacy system by developing automated background programs using, Windows Command Shell, AWS, SQL Server Data Tools, and Python.

RELEVANT INDEPENDENT WORK/ COURSEWORK

- APU 2019-2020: Independently built and maintain web application for a private organization with AWS Resources (Elastic beanstalk, Cloud9, SES) using HTML, CSS, JavaScript and PHP (Currently planning to build its first REST API with ASP.NET Core).
- APU 2018: Database Management Fundamentals (w/ MySQL)
- APU 2017-2018: Software Engineering I & II: Developed and designed mobile application within agile environment as Cloud Architect (w/ REACT Native & Firebase)