**Allan Pahn**

Sacramento, CA

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**Technical Experience:**

**Programming/Markup Languages:**

Python, C#, Javascript, HTML, CSS, C++

**Software, Libraries, Services, and Frameworks:**

Amazon Web Services, ASP.NET, .NET Core/Standard, Node.js, ReactJS, Angular, Knockout, AJAX, MySQL, MongoDB, MSSQL, Aurora, Git, Jquery, Jenkins, Terraform, Splunk

**Education:**

**University of California, Irvine**

Bachelor’s Degree, Computer Science March 2017

**Work Experience:**

**Cox Enterprise/Automotive.**

Software Engineer II January 2018 – Present | Sacramento, CA

* Collaborated within an AGILE team to develop and enhance enterprise level, mission critical software products that handles the titling solution for over 6700+ lenders
* Engaged in Full Stack development of a web app used by various lending institutions built on top of ASP.NETframework (MVC and Web Pages) and uses HTML, JS, andKnockout libraries for front end UX, templating, and data binding. Data store is Microsoft SQL Server and data is persisted in a custom ORM.
* Worked closely with solution architects to migrate sections of monolithic software towards a micro service oriented, serverless architecture by developing RESTful APIs on Amazon Web Services.
* Designed and implemented cloud architecture for handling large scale transactions from various State DMVs using several AWS microservices and Aurora/DynamoDb.
* Build and deploy infrastructure as code by writing Terraform code to deploy several cloud services ranging from AWS Lambdas, S3, SQS, API Gateway and security policies.
* Built out Jenkinpipelines CI/CD for a variety of projects ranging from deploying cloud services, standing up dev, qa, prod and unit test environments, and deploying code packages to Artifactory package manager.

**Promenade Software, Inc.** ~3 years  
Software Engineer June 2016 – September 2017 | Irvine, CA

Software Engineer Intern October 2014 – June 2016 | Irvine, CA

* Design front-end UX using HTML, JS, andAngular for medical applications designed to track and monitor a user’s health
* Wrote accurate and precise Python simulations of prototype embedded devices to create inputs that drive the client application.
* Collaborated with client as lead developer to design and architect a **.**NET desktop application(WPF and XAML) used to monitor and adjust a device which treats emphysema by administering steam directly into lungs via a catheter.
* Added SQLite database to tracking feature on laser therapy device used to treat different cases of injury for animals, written in C#