

TYLER GARLAND

Los Angeles, California · tylerjgarland@gmail.com · 801-637-8013 · tylerjgarland.com

WORK EXPERIENCE

Vynyl

Senior Software Engineer

Los Angeles, CA
Aug 2019 - Present

- Blue Cross: Worked as a senior developer supporting a .NET GraphQL backend wiring up several disparate databases and backends into a single queryable backend. Used REDIS caching to combat slow performance of legacy backends during transition.
- Telehealth Co: Developed several AWS Lambda endpoints in NodeJS to support admin panel. Developed several Python backends to support customer-facing front-end. Utilized DynamoDB to ensure the backend could scale to high number of users. Automated confirmation and reminder emails using AWS SES. Built a full CI/CD pipeline through CloudFormation and Github Actions.

Henry Mayo Hospital

Lead Developer

Valencia, CA
Mar 2016 - Jan 2021

- Designed Xamarin Android kiosk application used daily by hospital staff.
- Created Azure-hosted C# Web API backed by Azure SQL.
- Utilized SignalR to trigger a secondary web application when kiosk was used.
- Managed several subcontractors to meet requirements and deadlines.

JDK Technologies

Senior Software Engineer

Los Angeles, CA
Nov 2017 - Aug 2019

- InterviewHost: Built a .NET and Angular 6+ platform using AWS services including EBS, S3, SQS, and Amazon Comprehend to streamline the job interview process for candidates and companies. Integrated with Twilio to automate the phone interview process. Integrated with Braintree for payments processing.
- Lions Club: Built a .NET and Angular 2+ platform using AWS services including Lambda, CloudSearch, and S3. The platform enabled club members to manage public service events such as fundraisers, picnics, and assistance programs for disabled communities. Built a full CI/CD pipeline using Azure DevOps.
- Perkins+Will: Built a NodeJS and Angular 2+ platform using AWS services including EBS, Lambda, CloudSearch, and S3. Built a full CI/CD pipeline with Travis.com and Github.

Precision Development (Deloitte)

Senior Applications Developer

Hermosa Beach, CA
Mar 2016 - Nov 2017

- Developed front-end built using Angular 2. On-boarded client developers by giving regular architecture review presentations and 1-on-1 sessions.
- Created asynchronous Windows service to import client excel records containing 10s of thousands of records.
- Co-developed C# .NET Core API to serve front-end using SQL Server.
- Federated several clients using SAML 2.0 SSO library for .NET. Transitioned implementation to Okta.

Slalom Consulting

Software Engineer

Los Angeles, CA
Oct 2014 - Mar 2016

- Microsoft VLSC: Built and maintained ODATA endpoints used by the front-end. Developed front-end using OOP JavaScript and .NET Razor.
- Oscars (AMPAS): Migrated homegrown task management data to TFS server. Set up all TFS bug and task workflows.
- Glidewell: Built dozens of pages in Angular 1. Supported pages through C# Web API and MongoDB. Integrated with EasyPost to generate shipping labels on the fly.

Clarity Consulting
Software Engineer

Chicago, IL
Oct 2013 - Oct 2014

- McDonalds: Developed service to manage oil life alerts and maintenance schedules using C#, WPF, and LonWorks. Localized application to support alternative languages.

Kern River Gas Transmission
Intern -> Applications Developer

Salt Lake City, UT
Mar 2012 - Oct 2013

- Developed several views in PowerBuilder and WPF to support the sale and organization of natural gas capacity on the pipeline.

SKILLS

Programming Languages: C#, JavaScript (NodeJS), Typescript, Python, HTML, CSS

AWS: Lambda, API Gateway, S3, IAM, DynamoDB, CloudFront, CloudFormation, EC2, EBS, ECS, ElastiCache Redis, CloudWatch

CERTIFICATIONS

Certified Developer Associate

AWS
Jul 2021

Certified Cloud Practitioner

AWS
Sep 2020

EDUCATION

Neumont University
BS Computer Science

Salt Lake City, UT
Mar 2012