



Stuart
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QUALIFICATIONS: Azure & AWS certified full stack craftsperson in C# ASP.Net Core, Javascript, NodeJS, React, Angular with DevOps automation deploying CI/CD, Docker, Kubernetes pipelines.

SKILLS: Azure Cloud, AWS, Serverless Functions, CI/CD, Docker, Kubernetes, SQL, ETL, API, C# Asp.Net Core, Node.js, Typescript, Javascript, React, Angular, HTML, CSS.

EXPERIENCE

Senior Consultant | Consulting Company | 2021 — CURRENT

Modernized web applications to cloud native utilizing industry patterns and frameworks including microfrontend single page applications, Typescript, Angular, React, Nx, Node, NoSql, C# Asp.Net Core containers and deployed with API microservices to Kubernetes using DevOps pipelines.

Developed client-facing ERP healthcare application in collaboration with distributed agile teams featuring multi-tenancy with Angular, Nx, Tailwind CSS, Asp.Net, Entity Framework, Azure Sql, Microsoft identity platform, Dapr and Kubernetes.

Developed functional serverless eCommerce fraud detection machine learning pipeline using NoSql allowing analysts to configure and extend pipeline.

Consultant | Consulting Company | 2019 — 2021

Developed .Net Core, NodeJS microservices and deployed containers to Azure, AWS, GCP with Terraform. Services utilized Docker, AKS, NoSql, serverless, FaaS development approaches for agility. Features included API usage monitoring, logging, auditing and integration to Salesforce, Identity Server 4 OAuth.

Automated deployment of data feeds to disaster recovery environment using AWS CodePipeline, CodeDeploy, Artifactory, Powershell. Improved application security by encrypting sensitive information with AWS Parameter Store.

Contractor | eCommerce Company | 2019

Implemented order processing workflow utilizing AWS Lambda, S3, API Gateway, SQS, SNS, RDS, Cognito, Cloudwatch, and DynamoDB to process thousands of orders daily. Components included Go, Node serverless functions, OAuth authentication and an AWS Glue ETL pipeline in Python that processed thousands of product SKUs from XML and JSON. Unit tested with

Docker, Puppeteer, Postman, Docker, Mocha, Chai. Utilized Jenkins, the Serverless Framework, CloudFormation, CircleCI and Terraform to deploy.

Enhanced a mobile-first, responsive HTML5, Node, Javascript based platform with Stripe payment processing. Unit tested with Puppeteer, Docker, Mocha, Chai.

Platform Engineer | eCommerce Company | 2018 — 2019

Developed event driven data processing REST and gRPC APIs with ASP.Net Core, Typescript, Node JS and Go. The APIs utilized Puppeteer, Redis, RabbitMQ and Google Pub/Sub to process millions of URLs daily, serving product SKUs to GraphQL in a React single page application.

Optimized performance of SQL Server and PostgreSQL data access layers. Scripted Linux command line tools in Make, Bash to deploy hundreds of Docker containers to Google Kubernetes Cloud with Helm. Centralized logging and monitoring of critical applications with Elasticsearch (ELK), LogicMonitor, Logstash and Prometheus.

Senior Web Architect | Analytics Company | 2015 — 2018

Developed mobile-first, responsive single page web applications and services using HTML5, Bootstrap, Javascript (ES6), Typescript, Angular, React, Redux. The web application featured SQL data access layers, BI (business intelligence) with D3, and data pivot grids designed to replace Excel that provided inventory supply and demand management. Unit tested with Browserstack, Jasmine and Jest. The services utilized Azure Service Bus for batch processing and required implementation of multi-tenancy with an OAuth 2.0 identity server for single-sign-on integration with Azure Active Directory which utilized PKI, RSA, SSL. Deployed to Azure App Service and Blob Storage with Powershell and Teamcity. Improved knowledge management and discovery platform for consultants by migrating legacy product documentation to custom developed static content server and deployed to Azure App Service and Blob Storage.

Senior Web Developer | Professional Services Company | 2012 — 2015

Lead development of a document management SaaS platform powered by Java, Grails, Groovy, Spring, Maven for high-volume imaging, classification and ETL of financial documents. Implemented LDAP authentication, Lucene full text search, document extraction and text recognition OCR services. Deployed and managed JVM with VMWare. Trained a team of distributed developers to practice high quality coding standards in an agile methodology.

CERTIFICATIONS

Situational Leadership | Center for Leadership Studies | 2022

AZ-203 Azure Developer Associate | Microsoft | 2020

AZ-900 Azure Fundamentals | Microsoft | 2020

AWS Developer Associate | Amazon Web Services | 2017