

ALEJANDRO QUESADA

SOFTWARE ENGINEER AND CLOUD PRACTITIONER

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SUMMARY STATEMENT

An avid problem solver and user experience advocate. Prioritizes building great products that engage customer pain points. Enjoys teaching and exploring new avenues of knowledge.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER - CAPITAL ONE, MCLEAN, VA - 07/18-Present

- Organized and hosted ~5 Test Driven Development workshops/presentations for 7 different teams and 50+ individuals at various levels.
- Leading Intent Setup's technical operations for the 04/20 prime rate event where all active credit card products will be updated and redeployed under new prime rate APRs in the midst of the COVID-19 pandemic and accompanying economic conditions.
- Co-led a regional failover exercise for a managed application service within given RTO/RPO requirements (5 hours/2 hours appropriately).
- Delivered a serverless ETL strategy that exceeded commitments to the business and delivered within critical deadlines in a high-pressure environment.
- Owned and modernized several business critical features whilst leading and lifting peers in their development.
- Influenced technical decisions in a non-lead capacity; considered a glue on teams/initiatives participated due to rapport and willingness to regularly travel to onboard new leadership and coordinate face time with remote teams.
- Coordinated meetings of various sorts including those to inject a sense of companionship amongst those of equal corporate level in a stack ranking performance environment.
- Designed bounded contexts and implementations for an application service that preemptively reduced anticipated story points representing several engineers entire sprints.

SOFTWARE ENGINEER - ICF, FAIRFAX, VA - 07/16-06/18

- Tech lead on 3 projects with teams of ~3 developers/designers. Participated in 9+ projects with roles ranging consultant, QA and engineer.
- Presented 7+ times on instructional technical and operations topics for the business and meetups.
- Led a rewrite of a geospatial API that adopted a serverless architecture concluding in 3 times the performance at a 1/3 of the operations costs as 2/3 of the servers were deprecated recouping ~50% of the AWS bill for the client in-question.
- Designated 6 Golang AWS Lambdas, with ~90% test coverage, behind API Gateway hoisting CloudFront edge caching for sub 100ms cached response times agnostic of geographic location within the United States.
- Evangelized optimized front-end performance as a feature with small build artifacts and scores of over 80 for 3G clients in Lighthouse.
- Automated NodeJS ECS continuous integration deployments via CloudFormation and CodePipeline.

FULL STACK DEVELOPER INTERN - JAMES MADISON UNIVERSITY, HARRISONBURG, VA - 01/16-05/16

- Developed a LAMP stack for academic materials exemplifying UX, IA and EC2 usage.
- Utilized UX tools: card string and interviews to engage 'as-is' student pain points.
- Documented WISP stack instantiation on AWS for distribution and use by CIS capstone students.

FOUNDER - RED PAUSE ENTERTAINMENT, ALEXANDRIA, VA - 01/13-03/15

- Launched two video game apps on both the iOS and Android platforms.
- Practiced user driven design processes: mobile-first, usability tests and optimizations.
- Managed analytics via Facebook Ads Manager, Google AdSense and YouTube traffic metrics.

EDUCATION

B.B.A COMPUTER INFORMATION SYSTEMS - JAMES MADISON UNIVERSITY, HARRISONBURG, VA - 05/2016

- Relevant Classwork: Systems Analysis and Design, Enterprise Architecture, Database Design and Application, Web Development, and Computing and Telecommunications Network.
- Placed first in a KPMP sponsored capstone competition for best PHP, Java and C# systems.
- Managed an ~\$18,000 budget as Treasurer of Theta Chi Eta Kappa chapter for the 2015 year.

SKILLS

Languages: Go, NodeJS/JS/TS, Swift, Python (intermediate), Java (intermediate), and Rust (beginner).

Front End: React, Angular, Redux, and RxJS.

Good Hygiene: Docker, Functional Programming, Object Oriented Programming, and Test Driven Development.

AWS and Other: Developer Associate Certification, Capital One CSSE, Public Speaking, UX Design, DevOps, agile and Enterprise Architecture.