Christopher Salam
SENIOR SOFTWARE ENGINEER

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FULLSTACK	**DB/INFRASTRUCTURE**
Typescript/Javascript Node, PHP, Python, React, Scala, Java, shell/Bash, GraphQL	SQL, Mongo/Cosmos, Redis, AWS: EC2, ELB, S3, Lambda & Azure Functions

EXPERIENCES

Byte | Sr. Software Engineer, Backend/DevOps   2023-Present

- Implementing/maintaining build, test, lint & deploy pipelines for all repos - BitBucket, Azure
- Maintaining/upgrading package versioning for all repositories, primarily typescript changes
- Migrating (api to function) authentication, storage features, developing shared modules

Twitter| Sr. Software Engineer, FullStack/Infrastructure   2020 - 2022

- Externalized 20 React applications across Twitter Ads using Scala Finatra services framework
- Automated Machine Learning process for performance advertising in (PHP->Python)
- Responded to brand safety emergency, backfilled 14,000 at-risk accounts with feature
- Managed and maintained AWS Route53 and AWS ELB for ad serving and data collection
- Scripted Shell/NodeJS transfer for migrating from AWS EC2 to S3 for improved reliability

CrossInstall | Sr. Software Engineer, Backend/Infrastructure   2018 - 2020

- Architected build schema tool: SQL, Redis, Bash, Node, PHP, Gulp for 4000+ ad library
- Managed EC2 instances that hosted advertisements and collected/processed ad data
- Resolved capacity issues and memory issues in ad data pipeline, Improved ETL operation
- Coordinated infrastructure for ad library - Lead integrations with 13 partners

Ziploop | Software Engineer, Integrations & SDK   2016 - 2017

- Lead Shopify platform API integration, Migrated iOS kit (UIWebView to WKWebView)
- Custom API Accessed contacts & other mobile features via Cordova in iOS/Android SDKs

Freelance | Software Engineer, Ecommerce clients   2014 - 2016

RCM Digesters | Chemical Engineer, Sulfur Abatement   2013 - 2015

Cal Dept of Conservation | Petroleum Engineer, Compliance   2011 - 2013

EDUCATION

Telegraph Academy | Adv. JavaScript Software Engineering Immersive   2015

Professional Engineer License | P.E. California, Chemical Engineering   2013

UC Davis | Master of Science, Agricultural Engineering   2008 - 2010

UC Riverside | Bachelor of Science, Environmental Engineering   2003 - 2007

Formerly owner of party bus, lived at the Domes (intentional community) while at UC Davis.

Board member of Spokeland, an inclusive bicycle education nonprofit cooperative in Oakland.