

# Christopher Salam

## SENIOR SOFTWARE ENGINEER

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### SKILLS & EXPERTISE

- **Fullstack:** Typescript/Javascript/Node, React, Python, PHP, Scala, Java, GraphQL, iOS/Android, REST, Express, Mobile, API Integrations
- **Database / Infrastructure:** Postgre/SQL, MongoDB/Cosmos, Redis, Azure, Bitbucket Pipelines, AWS, GCP, CI/CD, Salesforce, Bazel, Events, Shell

### ADDITIONAL SKILLS

- **Leadership & Team Management:** Experience leading and mentoring cross-functional teams, improving team morale and fostering a collaborative work culture, office hours & social event planning.
- **Project Management:** Skilled in Agile methodologies (Scrum/Kanban), scheduling meetings, driving projects from concept to execution, meeting deadlines and aligning with stakeholder needs.

### PROFESSIONAL EXPERIENCE

#### Byte

Oct 2023 - Jan 2025

##### Sr. Software Engineer Tech Lead - Platform (Backend/DevOps/Infra)

- Leads team of 3 engineers, driving backend & cloud infrastructure features, tech debt improvements
- Developed multistep queued file transfer process from Salesforce to Azure storage
- Migrated authentication, payment methods into serverless microservice pattern

#### Twitter

Jan 2022 - Aug 2023

##### Software Engineer II - Product (FullStack/Backend)

- Managed cross-functional project with 10 engineers to deprecate Cloudfront VPN across 20 apps
- Optimized machine learning ETL pipeline, enhancing performance and reducing cloud costs
- Responded to brand safety emergency, built site reliability prowess over outages and bugs

#### CrossInstall [Acquired by Twitter]

##### Sr. Software Engineer - Machine Learning (Data/DevOps/Infra)

July 2019 - Jan 2020

##### Software Engineer - Javascript SDK. [Promoted]

July 2018 - Jan 2019

- Built & maintained QA portal for 4000+ ad library, hosting all versions & partner integrations.
- Managed AWS infrastructure (Route53, ELB, S3, EC2) for ads, sites for B2C and B2B customers, DataDog

#### Ziploop

Jan 2016 - Feb 2017

##### Software Engineer - Retail Loyalty, Admin (Integrations & SDK)

- Led Shopify API integration and managed backend systems for OCR tech.
- Migrated mobile features via Cordova for Android and iOS, improving cross-platform support.

#### Freelance, E-commerce (Software Engineer)

Apr - Dec 2015

#### RCMDigesters (Chemical Engineer, Sulfur Abatement)

Jan 2013 - Feb 2015

#### State of Cal Dpt. Conservation (Petroleum Engineer, Compliance)

Jan 2011 - Feb 2013

### EDUCATION & CERTIFICATIONS

**Master of Science, Agricultural Engineering**  
University of California, Davis

**Bachelor of Science, Environmental Engineering**  
University of California, Riverside

**Adv. JavaScript Software Engineering Immersive**  
Telegraph Academy

**Professional Engineer License (P.E.)**  
California, Chemical Engineering

### VOLUNTEERING

**Co-Chair, Board Member, Secretary**  
Spokeland 2013 - Present

Oversaw strategic planning, operations, fundraising, finances, hiring, and community relations for Oakland bicycle education 501c3.

### HOBBIES

Teleplay writing, gardening, Magic: The Gathering