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EXPERIENCE

- **Software Engineer** Apr. 2021 - Present
iFIT - Interactive Fitness *Remote*
 - **SQL Query Optimizations:** Improved query performance by 500x, resulting in a 99% decrease in latency for users.
 - **Distributed Systems:** Designed and implemented an event driven microservice architecture using AWS Kinesis, ECS, Fargate, and MongoDB that accommodates 1 million monthly active users.
 - **Pinnacle Performer:** Recognized as the top performer amongst peers for July 2023.
 - **Observability:** Proactively improved observability of systems, dramatically reducing false-positive alarms.
 - **Incident Commander:** Assumed the role of Incident Commander, by coordinating a team response to a system outage, resulting in a timely resolution and minimal user impact. Subsequently conducted and presented a blameless postmortem.
- **Media Software Engineer** Jul. 2020 - Apr. 2021
Disney - Media & Entertainment Distribution *Remote*
 - **Media Hub SaaS:** Contributed and maintained an Emmy award winning web app used as a daily driver for over a thousand Disney employees.
 - **Legacy Service Deprecation:** Saved \$10,000+ a month by leading the migration of a monolithic service into a serverless event driven architecture.
- **Fullstack Engineer** Feb. 2019 - Jul. 2020
Sphere Influencer - Social Media Marketing *Los Angeles, CA*
 - **Mona SaaS:** Enabled service based monthly income by building a full stack web app using React with a serverless backend accompanied by Elasticsearch.

PROJECTS

- **Legacy Code M2 Deprecation:** Lead the deprecation of a monolithic sever by diagramming workflows and architecting a serverless solution. Solution includes Lambda, S3, API Gateway, SNS, SQS, and DynamoDB.

TECHNICAL EXPERTISE

- **Languages:** Typescript, Python, SQL
- **Backend:** Node.js, NestJS, REST, GraphQL, Containers, Lambda
- **Frontend:** React, Next.js, Vite, Tailwind CSS
- **Databases:** PostgreSQL, MongoDB, DynamoDB, Elasticsearch
- **Tools:** Docker, Jest, Terraform, Datadog, Git
- **AWS Services:** RDS, S3, IAM, ECS, Lambda, Kinesis, CloudFront, SNS, SQS, API Gateway

EDUCATION

- **University of California, Santa Cruz** Santa Cruz, CA
Bachelors of Science in Computer Science *Sept. 2015 - Jun. 2019*