

**Eric Ventor**  
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## EXPERIENCE

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- **Software Engineer** Apr. 2021 - Present  
*iFIT - Interactive Fitness* *Remote*
  - **SQL Query Optimizations:** Improved export workout query performance by 500x, resolving timeouts and reducing user's average response time to 100 - 300ms.
  - **Distributed Systems:** Designing and implementing 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 services, eliminating false-positive alarms and accelerating incident response times.
  - **Incident Commander:** Coordinated 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 to and maintained an Emmy award winning web app used as a daily driver for over a thousand Disney employees. The app provides an e2e solution for managing media assets.
  - **Service Deprecation:** Saved \$120,000+ annually by leading the replacement of a monolithic service with a serverless event driven architecture.
- **Co-founder & CTO** Feb. 2019 - Jul. 2020  
*Sphere Influencer - Social Media Marketing* *Los Angeles, CA*
  - **Mona SaaS:** Enabled subscription based income by building a full stack web app for conducting influencer marketing campaigns using React, serverless technologies, and Elasticsearch.

## PERSONAL PROJECTS

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- **Technical Blog:** Contribute to my blog, EricVentor.com, where I write about personal projects, learnings, and general tech.
- **BetaTestSongs.com:** Created a fullstack web app using React, NestJS, and PostgreSQL, where music producers can upload their songs to be critiqued.
- **MAKID:** Created an Electron.js application that uses SQLite to help music producers better manage their songs.

## TECHNICAL EXPERTISE

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

## EDUCATION

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