Eric Ventor

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EXPERIENCE

- **Software Engineer** — Apr. 2021 - Present
  iFIT - Interactive fitness — *Remote*
  - **SQL Query Optimizations**: Improved query performance by 500x causing a 99% decrease in latency.
  - **Observability**: Proactively improved reliability of alarms for better response times to incidents.
  - **Design Doc**: Collaborated with MongoDB consultants to architect the Milestone microservice. The service supports 1 million monthly users. Tech includes containers, Kinesis, MongoDB, and change streams.
  - **Incident Commander**: Took the role of incident commander in order to handle an outage with the team/org. Also presented a blameless postmortem to the org afterwards.
  - **Chainsaw Service**: Redesigned and migrated a legacy service with 100 TB of data from Lambda & Postgres to NestJS, containers, & MongoDB. Resulting in reduced cost, better user experience, and a more extensible codebase.

- **Media Software Engineer** — Jul. 2020 - Apr. 2021
  Disney - Media & Entertainment Distribution — *Remote*
  - **Media Hub SaaS**: Maintained and contributed to an Emmy award winning web app used as a daily driver for over a thousand Disney employees.
  - **Cloud Architect**: Enabled Media Operations by architecting scalable, distributed systems using IaC. Capable of seamlessly scaling to necessary throughput.
  - **Serverless Developer**: Deploy serverless AWS technologies such as Lambda (Python3), SQS, SNS, DynamoDB, and API Gateway using the serverless framework to quickly deliver robust, scalable, and dependable workflows.
  - **RESTful CRUD API**: Created a DynamoDB CRUD API compatible with any table using Python3 Lambdas and API Gateway. API is heavily used, fully optimized, and adds functionality such as pseudo joins, ID generation, and JSON:API response format.
  - **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.

TECHNICAL EXPERTISE

- **Primary Languages**: Typescript, Python, SQL

- **Backend**: Node.js, NestJS, REST, GraphQL, Containers, Lambda

- **Frontend**: React, React Router, Next.js, Vite, Tailwind CSS

- **Databases**: PostgreSQL, DynamoDB, MongoDB, Elasticsearch

- **Tools**: Docker, Terraform, Jest, Datadog, Git

- **AWS Services**: ECS, Kinesis, CloudFront, Lambda, API Gateway, SNS, SQS, RDS, IAM, S3

EDUCATION

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