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.
  - **Chainsaw Service**: Redesigned and migrated a legacy service to MongoDB and containers, enhancing user experience and future development.
  - **Observability**: Proactively improved reliability of alarms. Reduced noise resulting in much better response times to incidents.
  - **Milestone Service 2.0**: Collaborated with MongoDB consultants to architect the Milestone service. Enabled realtime complex stat aggregations for 1 million monthly users.
  - **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 to the org.

- **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.
  - **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

- **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*