Eric Ventor

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OBJECTIVE

Engineer experienced in creating intuitive and robust systems looking to continue growing with my colleagues.

TECHNICAL EXPERTISE

- **Primary Languages**: Typescript (Node.js & React), Python3, and SQL (Postgres)

- **Technologies**: AWS, MongoDB, Serverless, GraphQL, Elasticsearch, Jest, Docker, Git, and CI/CD

- **AWS Services**: Lambda, DynamoDB, API Gateway, SNS, SQS, RDS, IAM, S3, and CloudFormation

EXPERIENCE

- **Full Stack Developer** — Apr. 2021 - Present
  iFit Health & Fitness - Platform Division — *Remote*
  - **SQL Query Optimizations**: Improved query performance by several orders of magnitude through my Postgres expertise. Reducing endpoint latency significantly.
  - **Massive Scaling**: Helped build and maintain a service that is capable of processing and saving 100,000 concurrent POST requests simultaneously.
  - **Massive Data Aggregation**: Created a service using MongoDB that aggregates terabytes of data proactively. Allowing downstream consumers to receive incredibly large aggregations with millisecond latency.
  - **Production Deployments**: Make use of canary deployments, feature flags, and alarms in order to mitigate risk in production deployments.
  - **Best Practices**: Take passion in following best practices such as SOLID, DRY, and OOP to create maintainable, efficient, and readable code.

- **Media Software Engineer** — Jul. 2020 - Apr. 2021
  Disney - Media & Entertainment Distribution — *Remote*
  - **Media Hub SaaS**: Responsible for maintaining and contributing to an Emmy award winning web app used as a daily driver for over a thousand Disney employees.
  - **Cloud Architect**: Enable Media Operation users by architecting scalable, distributed systems using infrastructure as code such as AWS CloudFormation - 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 Code M2 Deprecation**: Saved tens of thousands in monthly overhead by leading the migration of a monolithic server into a carefully designed modern 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 along with a serverless backend (Lambda/DynamoDB/API Gateway/SQS/SNS) accompanied by Elasticsearch to fulfill clients' influencer search and campaign needs.

PROJECTS

- **Monorepo**: 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.

Education

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