Aaron Crane Software Engineer

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EXPERIENCE

Co -Creator & Software Engineer, Beekeeper-CLI   2021
- Co-created an open-source tool for seamlessly deploying serverless virtual waitrooms to AWS, intended to handle bursty traffic from one-off events
- Helped develop the CLI tool which automates the deployment and teardown of AWS components, including API Gateway, Lambda, SQS, DynamoDB, and S3 with the Node SDK
- Designed the event-driven mechanism which accurately pulls a set amount of messages per minute from an SQS queue
- Implemented Dynamic Rate Throttling to dynamically monitor and manage web traffic
- Managed issues related to cross-site tracking and CORS
- Fully documented the Beekeeper components and tools.
- Contributed to Beekeeper's case study: https://beekeeper-cli.github.io/

Software Engineer, Brandomania   2020 – 2021
- Designed and built the database, accounting analytic systems, and UI which enabled the company to track receipts, packages, customers, inventory, and revenue
- Created the image processing and storage component with AWS S3 and the Multer and Jimp libraries
- Built with PostgreSQL, Express.js, Handlebars.js, Node

Software Engineer   2019 – present
- **API-Q** - API testing tool which allows you to send HTTP requests immediately, or schedule them for later without the need to set up your own server. PostgreSQL, Express.js, React, Node
- **Sealbin** - Application for receiving and debugging webhooks. PostgreSQL, Express.js, Node, Socket.io

SKILLS

Back End (Node, Express.js, Ruby, Go, PostgreSQL, MongoDB, Webhooks, Websockets, Socket.io),
Front End (Javascript, React/Redux, jQuery, HTML, CSS, JSON Web Tokens, Handlebars.js),
Other (AWS (Lamba, S3, SQS, API Gateway, SDK, DynamoDB, IAM, CloudWatch, CloudFront, EC2, Autoscaling), Docker, Heroku, Digital Ocean, Git)

EDUCATION

Computer Science and Business Management, San Jose Community College   2014 – 2015
San Jose, CA