

# Aaron Crane

Software Engineer

📞 775-313-6696

✉️ arncrane@gmail.com

🖱️ aaroncrn.com

in Aaron Crane

---

## EXPERIENCE

2021 – Feb 2024

Software Engineer - Full Stack, **LivePerson** - Remote, CA

*Conversational AI tech company, providing real-time communication across messaging channels*

- Constructed products and features to provide a unified CRM interface using **Node** and **Angular**
- Utilized **Telnyx** and **Avaya** to build an application that enables real-time **AI** suggestions for customer facing reps
- Built custom **web crawlers** for top 20 customers to automate the creation of FAQ and documentation bots
- Lead incident resolution and provided cross team guidance as the primary engineer during on-call rotations
- Improved availability and reliability by providing cross-team guidance on **MongoDB** schema migrations and **kubernetes** modifications

Jan 2021 - Sept 2021

Co-Creator & Software Engineer, **Beekeeper-CLI** - Remote, CA

*Open-source Backend as a Service (BaaS) built to handle bursty traffic for promotional events*

- Developed a tool to deploy serverless virtual waiting rooms on **AWS**, protecting a system from bursty traffic
- automate the creation of **API Gateway**, **Lambda**, **SQS**, **DynamoDB**, and **S3** by leveraged the AWS **Node SDK**
- Designed an event-driven mechanism and implemented **Dynamic Rate Throttling** for web traffic regulation
- Contributed to [Beekeeper's case study](#), showcasing the project's success and real-world applications

Jan 2020 - Jan 2021

Software Engineer, **Brandomania** - Remote, CA

*Custom application for business and inventory management*

- Built database, analytics, and inventory management system with **Node**, **Express**, **AWS**, and **React**

---

## Education

2019 - 2021

**Launch School**, Mastery based software engineering program. <https://launchschool.com/>

*Studied full-stack development in **JavaScript**. Focused on core language behaviors, problem solving strategies, and best practices for developing software systematically for the whole stack. This education resulted in multiple engineer-focused applications such as Beekeeper-CLI, API-Q and Seal Bin.*

2014 - 2015

**San Jose Community College**, Computer Science and Business Management

---

## PROJECTS

**API-Q** - Application to schedule and test api endpoints, built with **PSQL**, **Node**, **React** -

<https://github.com/arncrn/api-queue>

**Seal Bin** - Tool to test, inspect, and debug HTTP client webhooks - <https://sealbin.aaroncrn.com/>

---

## SKILLS

**Languages & Frameworks:** Node/JavaScript/TypeScript, Ruby, Golang, Python, Express, Angular 2, React

**Storage:** PostgreSQL, MongoDB, AWS S3, DynamoDB, Redis, Kafka

**Cloud:** GCP, Terraform, AWS, Docker, Kubernetes