Ian Campbell Eustis

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RELEVANT EXPERIENCE

Tech Lead / Software Engineer - Kinsta; Remote; 2021 - 2023

- Served as subject matter expert for the Payments team. Innovated fraud detection strategies in a newly developed payments microservice. This involved skillful integration of Stripe, Seon, and Maximind APIs, all orchestrated on Kubernetes and powered by Google Cloud Platform (GCP).
- Played a pivotal role in the architectural evolution from monolithic to microservice structures, enhancing system distribution and scalability.
- Led the development of substantial independent initiatives, such as the creation of an advanced in-app documentation search tool tailored for the application's front end.
- Made significant contributions to the company's proprietary React component library - elevating the uniformity and efficiency of development.

Software Engineer - Beekeeper; Remote; 2021

- Co-founded Beekeeper - an open source app for rapid deployment of a virtual wait room. Beekeeper is a back end as a service (BaaS) designed to handle bursty traffic from one-off events.
- Built a CLI tool using AWS-SDK to rapidly deploy AWS resources such as Lambda, DynamoDB, EC2, API Gateway, S3, SQS, CloudFront and CloudWatch.
- Designed a throttling mechanism using AWS Lambdas for accurately setting and tuning the number of users allowed to a client endpoint.
- Created a dynamic rate throttling mechanism using a governor design pattern to change Lambda behavior based on endpoint health.
- Authored a technical case-study beekeeper-cli.github.io.

Full-stack Developer - Self-Employed; 2020 - 2021

- Created many full stack applications using the following technologies - Node.js, React, Redux, WebSockets, Webhooks, MongoDB, PostgreSQL, Nginx, Ruby, Sinatra, JavaScript.

Lab Director / Chemist - Various companies; 2015 - 2021

- Served as technical director for small startup analytical testing labs.
- Repaired and operated Mass Spectrometers and Liquid / Gas Chromatography instruments.
- Authored technical and regulatory documentation.

SKILLS

Ruby, JavaScript, TypeScript, Go, SQL, React, GraphQL, Redux, Postgres, AWS (Lambda, DynamoDB, EC2, API Gateway, S3, SQS, CloudFront, IAM and CloudWatch), MongoDB, NodeJS, ExpressJS, Sinatra, RESTful APIs, Git, HTML, CSS, a11y, GCP, Kubernetes.

EDUCATION

M.S. in Chemistry - University of Washington, Seattle, WA, June 2015
B.A. in Chemistry - Whitman College, Walla Walla, WA, May 2008

EXTRA CURRICULAR AND LEADERSHIP EXPERIENCE

Jazz Bassist, Whitewater Guide, Climbing Instructor