

Tony Beere



✉ tonybeere87@gmail.com 🌐 www.tonybeere.dev 📄 <https://github.com/AJBeere> 📍 Manchester, UK

Experience

Kuri 05/2022 – present

Co-creator, Software Engineer

Kuri is an open-source, Dead-Letter Queue-as-a-Service (DLQaaS) for small distributed applications deployed on AWS infrastructure.

- Architected a distributed infrastructure using AWS Lambda, SQS, SNS, DynamoDB, and EC2 that allows message persistence and interactivity of messages in a dead-letter queue
- Developed the full stack application using Node.js, React, React Bootstrap CSS, and AWS cloud computing services
- Prototyped alternative infrastructure using AWS CDK and ran a spike to determine the optimal solution which resulted in deployment time being reduced from 5 minutes to under 1 minute
- Implemented a notification service using AWS Lambda and Slack webhooks to provide real-time updates to a user's Slack channel
- Created a RESTful API service using Express.js to connect with DynamoDB using the AWS SDK
- Developed a custom Command Line Interface packaged into an npm package for developers to install, configure and deploy with minimal effort using CommanderJS and InquirerJS libraries
- Collaborated with a team of three other international developers using GitHub, Zoom, and Slack for pushing code and communication
- Authored a comprehensive technical case study, readable at <https://kuri-dlq.github.io/> 
- Designed, wrote, edited, and presented an informational tech talk covering the creation process and implementation of Kuri, watchable at https://www.youtube.com/watch?v=4cJkspwzjDQ&t=5s&ab_channel=launchschool 

Self-employed 01/2020 – 04/2022

Full Stack Web Developer

- Developed a Trello-like application for project management built with Node.js, Express, React, Redux and MongoDB
- RequestBin: used Node.js, Express.js, and PostgreSQL to build an application that provides a webhook path for users to view webhook data
- Todo: todo application built in Node.js and using the Handlebars framework to update the frontend

Korean International School of Ho Chi Minh City 03/2016 – 02/2021

Math & Science Teacher

- Planned, designed, and delivered math and science lessons in line with the curriculum
- Organized school-wide events and activities
- Wrote textbooks in English to mirror the Korean national curriculum

Skills

Languages

Ruby, JavaScript, TypeScript, Go, SQL, HTML/CSS

Frameworks

React, Redux, Rails, Express, Sinatra

Misc. Technologies

Git, Github, Linux, Node.js, HTTP, OOP, RESTful API, PostgreSQL, MongoDB

Cloud

Lambda, IAM, S3, SQS, SNS, DynamoDB, Cloudwatch, EC2, DigitalOcean Droplets, Heroku

Education

Software Engineering & Full Stack Web Development 01/2020 – 04/2022

Launch School 

BSc Chemistry 09/2007 – 07/2011

University of Manchester