

Luke Lackey

(619)794-3356 | San Diego, CA

[linkedin.com/in/lukejlackey](https://www.linkedin.com/in/lukejlackey) | github.com/lukejlackey | lukejlackey@gmail.com

TECHNICAL SKILLS

Languages: Python • Java • JavaScript • HTML5 • CSS • SQL • Cypher || **Frameworks/Libraries:** Flask • Jinja2 • Spring Boot • Serverless Framework • React.js • Express.js • Node.js • Bootstrap • Redis-OM • Material-UI || **Databases:** MySQL • MongoDB • Redis || **Tools:** Courier • MySQL Workbench • RedisInsight • PostMan • AWS(EC2, RDS, Lambda, API Gateway, Route53, SES) • Git • Github • MS Office • Google Suite

TECHNICAL PROJECTS

Quotosophy API | [Github](#) | Documentation: docs.quotosophy.com

Role: Full Stack Developer

Desc: Philosophical quotes/authors/texts API, built with **Serverless / Express.js / Node.js / Redis**

- Configured serverless edge deployment with **Serverless** framework for greater scalability and quicker response times
- Built a RESTful API with **Express.js** for fast, fluid communication between users and database, decreasing **AWS Lambda** billed durations
- Constructed a multi-model, low-latency **Redis Enterprise Cloud** database, using **Redis-OM** to handle API key creation/management and **RedisGraph** for interconnected philosophy data
- Incorporated **Stripe API** for streamlined billing and customer subscription management
- Utilized **Courier** and **AWS SES** to send customers stylized emails for new API key requests, subscription creations/cancellations, and support inquiries
- Created custom documentation with **React.js** and **Material-UI** to provide easily accessible support for new and existing users

Green Guzzler | [Github](#) | Live Version: greenguzzler.link

Role: Full Stack Developer

Desc: Beer/Brewery tracking application, built with **Python / Flask / MySQL**

- Architected a normalized **MySQL** schema on **AWS RDS** to store user, beer/brewery, and rating data for easy retrieval and manipulation
- Designed **Jinja2** templates using **Bootstrap** for a neat, responsive, and inviting layout
- Deployed application with **Serverless** framework and **Flask** microframework for better scalability, improved latency, and decreased costs

PROFESSIONAL EXPERIENCE

Compliance Manager || *Office of the Chapter 12 and 13 Trustee for the Eastern District of TN*

(Aug 2020 - Dec 2021)

- Collaborated with compliance, audit, and legal teams to ensure compliance of nearly 15,000 unique bankruptcy plans
- Optimized department workflow with the design and implementation of reusable Excel spreadsheet templates for faster arrearage calculation and notation
- Met crucial filing deadlines despite changing bankruptcy laws and office policies

Social Media Manager || *Vagabond Sportfishing, Inc.*

(July 2017 - Aug 2020)

- Created and managed social media accounts for a sportfishing vessel with over 500 yearly customers
- Monitored customer accounts, updating Access database to reflect current trip and payment status
- Reviewed payment transactions for trip deposits and merchandise sales, assisting customers with account inquiries

EDUCATION

Coding Dojo

(June 2022 - September 2022)

Arizona State University

BA, Philosophy, *cum laude*

(August 2016 - June 2020)

University of Sussex

Exchange Program

(January 2019 - June 2019)