

## Technical Skills

JavaScript, TypeScript, React, React Native, Redux, Node.js, Express, SQL(PostgreSQL), NoSQL, Python, Webpack, GraphQL, Apollo, Git/GitHub, HTML/CSS/Sass, Firebase, Flask, Django, AWS, Docker, CI/CD, Jest, Supertest, Gatsby

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## Experience

### Kensa | Software Engineer

2022 - Present

- Collaborated with a group of engineers to design and created a GraphQL API monitoring app
- Created an npm package for app users to easily establish connection between Apollo server and a SQL database through an API key to collect and store query metrics of all requests that are sent to custom GraphQL API endpoints
- Leveraged TypeScript auto type-checking functionality to minimize bugs and improve application scalability
- Implemented a GraphQL IDE using Monaco Editor to allow users to easily test GraphQL queries
- Integrated Apollo Server to an Express backend to communicate with SQL database and provide a self-documenting GraphQL API to the front end for faster request queries with strongly typed schemas and fields
- Deployed application using AWS EB and setup Cloudfront distribution to direct all incoming traffic to the registered domain name as well as sending all outgoing requests using a secure HTTPS port

### Toli Development | Freelance Web Developer

2021 - Present

- Designed and built simple, tasteful websites, brand portfolios, and mock-up sites for clients
- Built semantically structured and responsive full-stack web applications and static websites for mobile and desktop devices using React, HTML/CSS, and JavaScript. Recent clients include:
  - [Nenn Construction](#) - A Los Angeles-based construction and design firm

### SECONEA | Architect

2021

- Wrote Python scripts to web scrape and compile zoning ordinances from various So Cal cities websites for easy reference during project designing and planning phases
  - Handled a range of assignments that vary in scope and daily responsibilities, including consulting client situations and needs, designing and planning numerous architectural projects, and managing project budgets and schedules
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## Open Source

### [tasksAI](#) | Productivity app with machine learning

- Used React Native to develop a mobile app that utilizes machine learning to help users boost productivity
- Leveraged GraphQL to allow the front end to make fast and flexible API calls that communicate with SQL database
- Utilized Python to design a Flask server that performs analysis on user's tasks, generates metrics and recommendations, and communicates with the main GraphQL backend

### [MonoJStich](#) | Code snippets sharing app

- Designed and created single page app with React and React-Router, then improved responsiveness with Bootstrap
- Utilized Firestore real-time database to provide fast and reliable backend queries and mutations

### [Spoon Meal Planner](#) | Nutrient and meal planning app

- Design and built meal planning app with clean UI and drag-and-drop functionality HTML, CSS, and JavaScript
  - Leveraged JavaScript to create fetch wrapper class to fetch data from Spoonacular API
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## Education & Certifications

AWS Certified - [Cloud Practitioner](#)

California Polytechnic State University, San Luis Obispo - Bachelor of Architecture

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## Public Talks & Publications

- Kensa - An OSLabs Accelerated GraphQL Monitoring Tool | [Medium](#)
- Serverless Architecture (Lambda) | Kenny and Bractlet Speaker Series