

# Kyle Sarre

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## EDUCATION

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### Louisiana State University

*B.Sc. in Computer Science; GPA: 3.6*

Baton Rouge, Louisiana

2013 – 2017

## SKILLS

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**Languages:** Python, Javascript, Java, SQL, NoSQL, Bash

**Frameworks:** Django, Express, Spring, React.js, Node.js

**Tooling:** Docker, Jira, Git, New Relic, AWS, Redis, VSCode, PyCharm

## WORK EXPERIENCE

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### Sabbatical

Nov 2021 – Present

- Self study with cloud hosted automation projects using AWS and Docker in Node and Python.
- Collaborated with Xbox Studios Game Camp to develop a game in Unity.

### Dental Intelligence

Salt Lake City, UT

*Software Engineer*

Dec 2020 – Aug 2021

- Implemented GraphQL Federation and REST APIs in services across numerous frameworks including Node, Django, and Rails.
- Worked within a complex event driven CRM and ERP platform that powers dentistry across the US.
- Monitored production for defects and hotfixed performance issues in live services.

### Truce Software

Baton Rouge, LA

*Platform Developer*

Dec 2019 – Dec 2020

- Encouraged continuous improvement through unit testing with PyTest, automating API documentation with OpenAPI, and streamlining development operations with AWS CloudFormation.
- Took ownership of the company's reporting service, AWS pub/sub system, and remote access APIs related to the company's beacon technology.

### IBM

Baton Rouge, LA

*Cloud Developer*

May 2017 – Nov 2019

- Contributed as a fullstack developer for IBM clients. Technologies included Spring, Angular, and React.
- Practiced agile methodologies through creating, estimating, and managing work effort for client projects.
- Reviewed pull requests and paired with junior team members.

## PROJECT EXPERIENCE

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### Dental Intelligence

- Worked on GraphQL middleware and APIs in a federated GraphQL schema.
- Developed a prototype for a 2-way communication service for DI, which integrated DI's automated SMS system with customer support.
- Worked on various bug fixes for billing and scheduling SMS notifications.

### Truce Software

- Developed a reporting service that automated report generation for employee utilization of Truce device management software.
- Prototyped a pub/sub system for the company's backend using AWS SQS. It updated various dev databases to mimic limited production data for QA purposes.
- Developed a prototype application that would allow the company to remotely push hardware commands to their beacon devices.

### IBM

- Developed a small surveying service using React, Spring, and Postgres. It took a JSON q/a template and dynamically generated survey content. It provided a simple dashboard for data analytics purposes.
- Worked on microservices transformation project for a large telecom company's enterprise data services. Aggregated order receipt data across all levels of the company providing summary breakdowns by level.