Shawn D'silva

Senior Full Stack Engineer

Email shawn.dsilva_97@outlook.com | **Github** [shawn-dsilva](#) | **LinkedIn** [linkedin.com/in/shawn-dsilva](#)

SUMMARY

Passionate, Dynamic Full Stack Web Developer with a wide skill-set spanning 2+ Years of Experience in Frontend, Backend, Databases, and DevOps/Cloud.

Currently at Blue Sky Analytics, building and maintaining Highly Available,Scalable Geo-Spatial Climate Intelligence APIs and Infrastructure.

SKILLS

Languages & Frameworks - JavaScript ES6, Python, NodeJS, React, TailwindCSS, Gatsby.

Databases - PostgreSQL(incl. TimescaleDB, PostGIS) MongoDB, Redis.

DevOps & Cloud - AWS, Terraform, Docker, Kubernetes.

EXPERIENCE

Senior Full Stack Engineer, Blue Sky Analytics

OCTOBER 2023 - PRESENT

- Migrated Database from custom AWS EKS Kubernetes Cluster to a TimescaleDB cloud Managed service with no downtime
- Scoping, assigning tasks to team members and mentoring them
- Resolving any issues affecting production systems

Full Stack Engineer, Blue Sky Analytics

MARCH 2022 - SEPTEMBER 2023

- Created and maintained new and existing APIs for Climate Data on the backend.
- Built new and maintained existing AWS Lambda based scrapers in NodeJS to obtain GIS Data from various sources and store the results in AWS S3.
- Implemented User & API analytics functionality end-to-end from React based Frontend to NodeJS based API and SQL queries leveraging TimescaleDB
- Refactored code base to add seeders, fixed Docker-based local setup and added comprehensive documentation.
- Collaborated with Data Science Team in setting up AWS Batch Jobs infrastructure for their GIS image processing workloads, implemented in AWS CloudFormation IaaC

Full Stack Intern, Blue Sky Analytics

DECEMBER 2021 - FEBRUARY 2022

- Implemented Responsive Design & added Mobile/Tablet view UI elements for SpaceTime GeoSpatial Data visualization platform
- Migrated Image assets of company Website + Blog from local storage to Cloudinary, integrating the Cloudinary SDK to increase image quality and decrease page loading time.