

Joshua Landau

Work Experience

DecisionPoint Corporation February 2024 - Current

GIS Developer

- Migrated existing WebApp Builder application to ArcGIS Experience Builder
- Developed custom widgets and functionality for ArcGIS Experience Builder
- Set up and containerized Mapserver installation with Docker and Apache
- Maintained and updated C# .NET codebase for automated data acquisition and processing

Innovate, Inc. April 2022 - February 2024

GIS Software Developer

- Developed interactive and responsive user interfaces using Angular Material, React, and vanilla Javascript
- Created REST API services using Django REST Framework, PostgreSQL, and Microsoft SQL Server
- Containerized and deployed applications and services using Docker
- Built custom GIS web applications using ESRI products including ArcGIS Pro, ArcGIS Javascript API, and ArcGIS Experience Builder
- Coordinated project objectives with clients and organize tasks throughout the SCRUM process

SmartIntro March 2023 - October 2023

Lead Back-End Software Engineer - *Freelance*

- Built and designed a REST API using Django REST Framework and PostgreSQL
- Designed application architecture
- Implemented asynchronous background processing and distributed systems using Celery
- Containerized and deployed the application to a remote linux server using Docker and Nginx
- Contributed to developing a clean user interface based on provided wireframes using React and Material UI

Tehama, LLC October 2020 - April 2022

Environmental GIS Analyst

- Performed data analysis and developed custom script tools using Python
- Managed and maintained more than 15 databases and geospatial datasets
- Created maps and figures to visualize environmental sampling results
- Developed efficient workflows for geospatial analysis and generating data products according to client specifications

Contact

LinkedIn: /in/joshuadlandau/

GitHub: /jdlandau123

Portfolio: <https://www.joshualandau.com>

Technical Skills

- Python
 - Django
 - Django REST Framework
 - Javascript / Typescript
 - Angular + Angular Material
 - React
 - Svelte
 - Node
 - C#
 - .NET
 - ASP .NET Core
 - Databases
 - PostgreSQL
 - Microsoft SQL Server
 - MySQL
 - Cloud Infrastructure
 - AWS
 - Azure
 - Deployment
 - Docker
 - Jenkins
 - Nginx
 - Apache
 - Linux
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Education

Florida State University
M.S. Geographic Information Sciences
Tallahassee, Florida
August 2019

Florida State University
B.A. Environmental Science & Policy
Tallahassee, Florida
May 2018

Quantum Spatial
Geospatial Technician

August 2019 - September 2020

- Performed photo-interpretation of ground features using satellite imagery
- Used ArcGIS to edit, maintain, update, and create spatial datasets according to client specifications
- Developed efficient GIS workflows using complex documentation
- Assisted in the training of other technicians
- Conducted QA/QC procedures to ensure quality standard of geospatial data