

# Joshua Landau

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## Professional Experience

DecisionPoint Corporation February 2024 - Current

GIS Software Developer

- Designed and implemented C# .NET codebase for automated data acquisition and processing
- Development of custom user interface functionality and widgets using React and Typescript
- Contributed to program REST API
- Wrote and maintained Python scripts for automated data processing
- Containerized and deployed applications with Docker and Apache
- Migrated existing ArcGIS Web AppBuilder application to ArcGIS Experience Builder

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 modern user interface based on client-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: joshualandau.com

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## 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

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