Joshua Landau

Work Experience

SmartIntro   March 2023 - Present
Lead Back-End Engineer - *Freelance*
- Build and design a REST API using Django REST Framework and PostgreSQL
- Implement asynchronous background processing and distributed systems using Celery
- Containerize and deploy the application using Docker and Nginx
- Develop a clean user interface based on provided wireframes using React and Material UI

Innovate, Inc.   April 2022 - Present
GIS Developer
- Develop interactive and responsive user interfaces using Angular Material, React, and vanilla Javascript
- Create REST API services using Django REST Framework, PostgreSQL, and Microsoft SQL Server
- Containerize and deploy applications and services using Docker
- Build custom GIS web applications using ESRI products including ArcGIS Pro, ArcGIS Javascript API, and ArcGIS Experience Builder
- Coordinate project objectives with clients and organize tasks throughout the SCRUM process

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

Quantum Spatial   August 2019 - September 2020
Geospatial Technician
- 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

Contact

LinkedIn: /in/joshuadlandau/
GitHub: /jdlandau123
Portfolio: https://www.joshualandau.com

Skills

- Python
  - Django
  - Django REST Framework

- Javascript / Typescript
  - Angular + Angular Material
  - React
  - Node

- C#
  - .NET Framework
  - ASP .NET Web API

- Databases
  - PostgreSQL
  - Microsoft SQL Server

- Cloud Infrastructure
  - AWS
  - Azure

- Deployment
  - Docker
  - Jenkins
  - Nginx

- Linux

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