Nigel Harsch

nigelharsch.com

Top Skills

Python, Djnago, React, TypeScript, Clojure, Clojurescript, AWS, Terraform, Docker, SQL

Work Experience

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2023 - Present

Technical Product Manager

- Oversee development for core platform features
- Point of contact for client
- Requirements gathering, project planning, documentation
- Sprint planning and management
- Translate technical requirements to everyday language for clients
- Writing automated end-to-end testing
- Tools used
  - Redmine
  - Lucidchart + Memaid.js
  - Playwright
  - Cypress
  - Python + Django
  - Typescript + React

Vallen (on contract through Insight Global)

2023

Data Engineer

- Helped build and maintain Data Warehouse and Data Pipeline for large enterprise corporation
- Core Developer
- Devops Engineer
- Tools used
  - Clojure
  - Postgres
  - SQLServer
  - Azure
  - Kubernetes
  - AKS
  - Apache Airflow
  - Terraform
  - Helm
  - C#

Cedar Pine Consulting

2022 - Present

Consulting Full Stack Developer and Data Engineer

- Collaborated with Project Lead on Data Architecture
- Design and implementation of custom "Form Builder" Application with JSON Schema
- Work directly with client on requirements gathering
- Work directly with client data analytics
- Tools used:
  - Next.js
  - React
  - JSON Schema
  - AJX
  - Postgres
  - Tableau

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2016 - 2022

Senior Full Stack Developer, March 2016 - Present

Front End and Back End web development for digital arts agency. Long term support for major ecommerce clients.

- Backend/Frontend development and support for client web and mobile apps
- Built integration tools and micro services to connect modern web apps to legacy enterprise systems
- Contirubte to and maintain open source libraries
  - django-oscar-bluelight
  - django-oscar-api-checkout
  - django-oscar-wfrs
  - django-oscar-cybersource
- Tools used:
  - Python
  - Django
  - Django Rest Framework
  - Wagtail
  - Django-Oscar
  - TypeScript
  - React
  - React-Native
  - Node/NPM
  - Docker, docker-compose
  - Terraform
  - AWS
  - ECS
  - Lambda
  - Step Functions
  - RDS
  - SQS

Asuza Pacific University

2022 - 2023

Instructor - Sound for Games

- Teaching Sound Design fundamentals, Unity, FMOD, C# scripting for Unity to undergraduates

- Built Course website with interactive sound tutorials
- Tools used
  - Unity + C# scripting
  - FMOD

INDemand

2014 - 2016

Programmer/Analyst

- Maintain internal Python/Django web apps
- Media workflow automation with python scripts
- Tools used:
  - Python
  - Django
  - Javascript
  - FFMPEG

Education

B.A. in Communication Arts, North Park University - Class of 2010