Jonathan Borichevskiy

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Profile

Detail oriented backend developer with a focus on continuous improvement. I'm experienced with distributed data processing and acquisition, designing and building backend services, and prototyping and iterating products. Comfortable communicating directly with clients, partners, and product and technical teams.

As a founding engineer of a startup, I operate with a critical mindset; ensuring scalability and sustainability is taken into account with my code. I am capable of working with a high level of responsibility and autonomy alone as well as collaborating with multidisciplinary teams in volatile environments.

Passionate about cognitive science, environmental sustainability, and software engineering and excited to explore the intersection of all three.

Experience

Vigilant, New York, NY
Founding Engineer, Jul 2016 – Present
- Worked with CEO to grow the company from 2 engineers in 2016 to 12 people in 2019
- Responsible for developing the company's platforms, producing 3 products in the last 3 years
- Liaised with sales and other teams as part of product scoping and development to ensure the needs of customers were met
- within scope of feasibility
- Involved in every aspect of the product development process, from early design and testing to deployment and upkeep
- Implemented and maintained performant data storage solutions for thousands of unique datasets
- Integrated third party datasets from a range of sources including APIs, data dumps, web pages, PDFs
- Ensured compliance with legal and client-provided security requirements
- Developed, deployed, and supported backend services for multiple client-facing platforms
- Wrote documentation, automated repetitive processes, and resolved complex customer queries
- Expanded and maintained internal library for interacting with a variety of remote web-based resources
- Managed 3 rounds of interns including on-boarding, code review, performance assessment, and feedback
- Performed migrations across cloud service providers and databases
- Built ETL pipelines for data processing, cleaning, transformation, and normalization

Yedi Software, Sacramento, CA
Developer, Jan - Sep 2016
- Worked directly with clients to design, implement automated data acquisition and entry tools
- Designed multi-stage data workflows between proprietary financial applications
- Built ETL pipelines for data processing, cleaning, transformation, and normalization

Technical Skills

- **Backend** Python: Django, Flask, Starlette, Celery, asyncio
- **Ingestion & Automation** Parsing {PDF, HTML, Excel, CSV}, beautifulsoup, lxml, spaCy, Selenium
- **Databases & Key Value** PostgreSQL, Elasticsearch, RabbitMQ, RethinkDB, MongoDB, SQL, Redis, SSDB
- **Cloud & Infrastructure** Amazon Web Services, Digital Ocean, Azure, Google Cloud Services, Heroku, Netlify, Kibana, Docker, Gitlab, Saltstack, NSQ, Ubuntu
- **Services** Google Maps API, Google Translate API, Quickbooks Desktop API, OpenFEC, Reportlab, Airtable, git
- **Frontend** React, Vue experience