Cole H. Page

Summary

Full-Stack Developer, Data Engineer, and Visualization specialist with 6+ years of experience building large scale web applications and data pipelines. Open to relocation and remote work.

Employment

Software Engineer - Full-Stack   **Compound Financial**   **2022 - 2023**
- Core member of Compound's equity and tax team.
- One of two engineers building an equity and tax modeling platform utilizing Typescript/React/Express.
- Led development and maintenance of multiple integrations including our Carta API integration.
- Architected, built, and maintained data exploration and validation focused internal tools for Financial Advisors.

Co-Founder & CPO   **Constellation Analytics**   **2020 - 2022**
- Built responsive ES6/Svelte/Typescript/D3 SPA on top of Postgres and a RESTful PostgREST API.
- Implemented core features including data visualizations, custom PDF viewer, interactive spreadsheet component, Metabase integration, and more.
- Built automated CI/CD using GitHub Actions, Docker, SvelteKit, Rollup, and Vite.
- Designed, executed, and maintained platform-wide brand consistency including website, style guides, logos, marketing materials, and general product design.

Software Engineer - Data   **Sigma Ratings**   **2018 - 2020**
- 1st engineer building an AI-driven risk intelligence platform for financial crime compliance.
- Built and maintained Dockerized internal data labeling platform (Golang/React/Postgres/AWS Kinesis) utilized by entire distributed data team.
- Supported multiple 3rd party data integrations (Python, Apache Spark and Databricks) including ingestion of the entire multi billion record supply chain intelligence shipping record dataset.
- Co-Inventor on 2 pending ML/AI patents.

Co-Founder & CTO   **SWAP Socks**   **2014 - 2017**
- Oversaw and led all analytics, web design, engineering and e-commerce facets.
- Developed and maintained SWAP Socks website frontend using HTML/CSS3/JS(ES6)/React along with Stripe and Shopify integrations.
- Partnered with global organizations to build and run surgical eye camps in multiple countries.

Data Visualization & Analytics   **Inc. Magazine**   **2012 - 2013**
- Transformed unstructured data into actionable insights to provide strategic direction, problem-solving, and visualization consultation for the Inc. Business Owners Council.
- Led automating, updating, and aggregation efforts of old and new CRM systems.

Education

Washington, DC   **George Washington University**   **Sep 2010 - May 2014**
- B.S.E. in Mechanical & Aerospace Engineering with Double Major in Economics and Minor in Physics
- Aerospace Thesis: Low-Speed Investigation of Drag Reduction Through Dimple-Induced Vortex Generation
- Economics Thesis: Finite-State Markov Chain Based Modeling for NBA Points per Possession Prediction

Languages and Technologies

- **Languages/Frameworks/Tools:** JavaScript; Typescript; Svelte; Python; Golang; React; Node.js; HTML; CSS3; Less/Sass; D3; Spark; Databricks; AWS Kinesis; Git; Docker; Flask; Django; UVU; AWS/S3; GCC; Jest; Mocha; Tensorflow; R; SQL
- **Databases:** PostgreSQL; MySQL; SQLite
- **Design Tools:** Figma; Adobe Illustrator; Adobe Photoshop;