Christopher Graham New York, NY

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WORK EXPERIENCE

Médecins Sans Frontières / Doctors Without Borders (WebApp, Nonprofit)   **12/2022– Present**
Software Engineer   *NY, Rector St.*
- Introduced AI with OpenAI API integration using the GPT-4 model. (Ask me about my AI related work!)
- Enhanced search system using Azure Cognitive Search & cloud services, improving performance with Google Lighthouse.
- Led data and codebase migrations, upgrading tech stack including NextJs and Angular.
- Created scalable, robust UI with Angular and NextJs while completing system wide transitions to new vendor software.
- Automated application pipelines with Python & Apache Airflow.
- Implemented Cypress for end-to-end testing and Jest for unit testing.
- Resolved Google Indexing issues by integrating crawler APIs and utilizing SEO tools.

Notable Finance (WebApp, FinTech, Startup)   **04/2021 – 09/2022**
Data Engineer   *NY, WTC FL. 59*
- Gracefully handled ownership of the resolution & escalation of Engineering department related web-application issues. Orchestrated PostgreSQL Database operations & migrations. Created & maintained ETL pipelines.
- Utilized TypeScript to develop backend processes to propel a smooth UX within our App. Monitored multiple Staging & Production repositories for the Web Application.
- Wrote & deployed clean code in addition to reviewing & unit testing the code of senior engineers.
- Utilized partner API's & JS to create automated data flows around the organization. Also oversaw the upkeep & maintenance of these company-wide automations (refactors, error tracking).
- Found & relayed answers to technical questions through joint use of error tracking & log management software.

Notable Finance (WebApp, FinTech, Startup)   **04/2020 – 04/2021**
Technical Operations Associate   *NY, WTC FL. 59*
- Utilization of complex PostgreSQL to construct raw ad-hoc queries, stored procedures & automations for internal & external stakeholders.
- Participated in daily Engineering standups and relayed progress to the CEO & CTO on scrum development of backend web-application features during sprints.
- Assisted in data migrations, & developed code in the backend to create solutions for user facing issues.

EDUCATION

University At Albany (SUNY)   **Graduated May 5th, 2019**
B.S. Computer Science *(Physics/Mathematics Concentration)*   *Albany NY ,Washington Ave*
- Overseer of on campus nonprofit & community service organizations (Purple Threads).
- Creator of TestBank, a JS web-application meant to replace the university's test taking system, Blackboard

SKILLS & INTERESTS

- Skills: TypeScript; Asynchronous JavaScript; Docker & Containerization; Angular; NextJs; Azure Cognitive Search; Azure DevOps; Relational Databases; ETL Processes; T-SQL; PostgreSQL Apache Airflow; SEO; Google Search Console; Google Analytics; Screaming Frog SEO Tooling; React; C#; DotNet; API Configuration & Utilization; Bash Scripting; Python; BI Tools (Metabase, Tableau); AWS & AWS CLI; GIT Version Control & GIT CLI; Cypress; Test Driven Development; Database Performance Improvement(Indexing, Query time reductions); Jest Library & Test Assertion Runner; HTML & JSX; Learning new things fast!

- Interests: Nonprofits & Community Service (my website has a mobile food pantry tracker, so if anyone in the New York area needs a free meal they know where to go); Cardio; Podcasts; Bob Ross; Dogs; Learning; Space; Skincare; Dogs; Black Clothing; Lava Lamps; My dog Mercury; Nature; Multivitamins; Lawn Care; Dogs.