Lyndbergh George Simelus

Fullstack Software Engineer

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PROFESSIONAL EXPERIENCE

Simply Business *Mid-level Software Engineer*   2023 - Present

- Collaborate with cross-functional teams to understand business requirements and design efficient and scalable solutions for integrating third-party APIs to generate and confirm insurance quotes, adhering to PCI compliance standards
- Implement robust tokenization processes for secure handling of credit card information during transactions, using IP white listing for secure communication of sensitive data with partner companies
- Work closely with security teams to ensure the highest standards of data protection and privacy are maintained
- Troubleshoot and resolve integration issues, collaborating with partners and internal teams as needed
- Stay abreast of industry best practices and emerging technologies related to API integrations, PCI compliance, and tokenization
- Developed using Ruby, React, and AWS

Recorded Future Inc. *Software Engineer*   2021 - 2023

- Designed, implemented, and tested Python services to ensure the integrity of ontology graphs, MongoDBs, and data pipelines.
- Developed a React Typescript (front-end) and Python Flask (back-end) web application, with a primary focus on ease of maintenance and user-friendliness. Included features such as built-in automated audit logging, user authentication, data monitoring, and analysis.
- Utilized Amazon S3 for data storage and retrieval
- Conducted rounds of UX design prototyping and user observation/testing.
- Revamped an API-Centric JavaScript internal web application through research, user data, and metrics, resulting in increased capabilities and overall efficiency.

Tamr, Inc *Software Engineer Intern*   2020

- Researched and implemented telemetry into UI framework using Python, React & Azure

MEMIC *Software Engineer Intern*   2019

- Created a REST APIs in C#/.NET and Refined SQL queries

EDUCATION & SKILLS

Bowdoin College *Bachelor of Arts, Computer Science major and Biology minor*

Professional experience: Airbrake, New Relic, Ruby on Rails, Typescript, Python, AWS, NoSQL, SQL, UX Design/Testing, Figma, and Jira