

Product oriented full stack software engineer with secret clearance and 4 years of professional experience since earning a B.A. in Computer Science in May 2021. Specialized in backend development, with additional expertise in leading frontend projects and DevOps initiatives. Proven track record of leading high-impact projects and enhancing system reliability.

Technical Skills

Languages: JavaScript/TypeScript, Python, Ruby, SQL, HTML/CSS, C#

Technologies: Next.js, React, Ruby on Rails, OpenAPI, Stripe, Twilio, Node, Docker, Amazon Web Services, Github Actions
Ci/CD, Amplitude, New Relic, Apache Kafka, Redis, Snowflake, MongoDB, Tailwind css, Airbrake, Tokenex, Looker, Jira

Work Experience

Software Engineer II

2023–Present

Simply Business (acquired by Travelers): Business insurance agency

Boston, Massachusetts

- Improved Workers' Compensation application process by implementing a pre-quote FEIN/SSN bypass. This change allows ~65% of applicants to view a quote indication before entering sensitive information, addressing a key customer pain point that previously caused a ~10% drop-off. A/B testing demonstrated significant improvements: 12% increase in sales conversion, 20% increase in quote requests, and 25% increase in users reaching the legal agreements stage.
- Collaborated with cross-functional teams to design and implement secure, scalable solutions for integrating third-party APIs for insurance quote generation and purchase, adhering to PCI compliance standards. This included robust tokenization of credit card information and IP whitelisting for secure partner communication.
- Ensured data protection and privacy by working closely with security teams.
- Troubleshoot and resolved integration issues with partners and internal teams.
- Maintained current knowledge of industry best practices and emerging technologies in API integration, PCI compliance, and tokenization.
- Developed using Ruby, React, and AWS.

Software Engineer I

2021-2023

Recorded Future: Cyber threat intelligence platform

Somerville, Massachusetts

- Built and tested Python services to maintain ontology graph, MongoDB, and data pipeline integrity.
- Developed a React TypeScript and Flask web app focused on maintainability and usability, featuring automated audit logging, authentication, and data monitoring.
- 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.

Education and Internships

- **Bowdoin College**, B.A. in **Computer Science** with a minor in Biology 2017–2021
- **Tamr, Inc.**, Designed and implemented telemetry systems using Python, React, and Azure 2020
- **MEMIC**, Built centralized logging in .NET and optimized SQL for customer data retrieval 2019