

HEATHER LORENZO

SENIOR SOFTWARE ENGINEER

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SUMMARY

Senior Software Engineer with 8+ years of experience building scalable, user-centric applications. Passionate about leveraging cutting-edge technologies to enhance performance and user engagement.

SKILLS

Technical Skills: Javascript, Typescript, HTML, CSS, React, Node, Express, Fastify.js, Apollo GraphQL, PostgreSQL, NoSQL, Elasticsearch, Amazon Web Services, Jest, REST, Git, CI/CD

Soft Skills: Documentation, Mentoring, Communication, Project Ownership

EXPERIENCE

Senior Software Engineer Dec 2021 - Present | Remote

Lextegrity (CaseIQ) a Compliance and Auditing SAAS Platform

- Spearhead the development of application initiatives and enhancements by designing scalable architectures, RESTful backend APIs and building corresponding frontend components.
- Delivered a client-facing RESTful API and web-hook using Fastify.js, ECS, and SQS to provide programmatic access to platform data and lifecycle event updates. Implemented unit and integration tests with Jest for high-quality delivery.
- Built a reminders system leveraging AWS SQS, OpenSearch, ECS, and TypeORM Subscribers to enhance client engagement and productivity by prompting action on pending duties.
- Designed a configurable automated task system, enabling clients to trigger tasks based on lifecycle events for better system automation.
- Implemented an extensible backend PDF generator for compliance requests, consolidating key data into comprehensive records to streamline client reporting and record-keeping, reducing manual data collection time by an average of 78%.

Full Stack Engineer Feb 2016 - Nov 2021 | New York, NY

Argo Digital, branch of Argo Group creating new software products to digitize the insurance market.

- Led squad through planning and developing new architecture, features, improvements, and handling application expansion with new data sets and requirements.
- Crafted SQL and Spark queries to transform and combine legacy data tables from multiple data centers into a streamlined data structure indexed into Elasticsearch, reducing the number of broker facing web portals the company needed to support.
- Composed custom Elasticsearch queries that use methods such as phrase match and fuzzy match searches, query boosting, aggregations, and other filters to create a robust search engine for our broker facing portal app improving broker satisfaction, increasing application adoption and retention.

- Integrated Okta as our SSO user auth provider and user management for our broker facing portal for secure authentication that supported industry standards.
- Developed Restful API endpoints using Express and created views using React and Redux for an external facing web application to sell liability insurance to a new market of freelancers.
- Integrated our repos with CircleCI for testing and CI/CD to increase shipping velocity and reliability.
- Participated in product centered design sprints for new features and products to improve value of our product offering.

Coding Mentor Nov 2015 - Feb 2016 | New York, NY

Dev Bootcamp

- Guided students in understanding and applying foundational programming concepts, fostering problem-solving skills through personalized support on the curriculum.
- Conducted detailed code reviews, providing actionable feedback that improved code quality, efficiency, and adherence to best practices.

Lead Designer Jun 2009 - Aug 2015 | Cleveland, OH

Dadada Media Group

- Developed a user-focused mindset from crafting visually compelling and functional advertisements for print, television and web, utilizing technologies such as Final Cut Pro, After Effects, Cinema 4D, InDesign, Illustrator and Photoshop and more to deliver a strategic brand message for our clients.

EDUCATION

Dev Bootcamp

July - November 2015

Cleveland Institute of Art

2009 B.F.A in Digital Art