William Lemus

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EXPERTISE

Full-stack software engineer with experience in the media, restaurant and fitness space building web applications as microservices using Serverless Framework on AWS and monolithic applications on Ruby on Rails, Node, Next.js, NestJS, React, JavaScript, TypeScript, PostgreSQL, MySQL, Redis, HTML5, and SQL. Proficient in consuming JSON REST APIs and webhooks. Eager to apply my extensive knowledge of web technologies to design, implement, and improve software, while balancing maintaining testability and scalability with releasing features.

EXPERIENCE

Senior Software Engineer   **New York, NY**
RapidSOS, Inc   Jul 2025 - Present
- Created new internal state machine action to increase security of platform
- Worked on modernization of frontend platform from styled component to tailwindcss.
- Leveraged Claude Cloud skills to reduce time in creating new FastAPI microservice with associated helm charts and terraform configuration.
- Created new queries using Flux to aggregate data inside InfluxDB database.

Senior Software Engineer   **New York, NY**
Tawkify, Inc   Jul 2024 - Jan 2025
- Created automated flow using Twilio and NestJS to inform certain users of product costs to increase availability of the sales team.
- Integrated with Calendly and sendgrid to help users self-schedule meetings on Next.js application, avoiding manual interventions by team members
- Maintained AWS infrastructure and managed new developer onboarding and offboarding.

Senior Software Engineer   **New York, NY**
Arcade Solutions   Nov 2023 - Mar 2024
- Migrated from multiple API calls to a single API call for our notifications, reducing our calls by 50%.
- Collaborated with team to update TypeScript, Ruby on Rails and Circle Orbs to address security and software issues.
- Transformed feature requests from Product Manager into actionable engineering tasks, milestones, and comprehensive rollout strategies, facilitating efficient project execution.

- Redesigned pages in Next.js using ChakraUI to increase performance, usability and responsiveness.
- Addressed support requests and application outages while coordinating response with the CS team.

Senior Software Engineer   **New York, NY**
Patch Media   Oct 2020 - May 2023
- Generated flow to enable business to create a more tailored newsletter product.
- As a Technical Lead, designed event-driven architecture using AWS step functions, API gateway, and Lambdas to migrate real estate listing providers. Manage a team to implement changes to ensure timely execution of the project.
- Collaborated with a cross-functional team to create proof of concepts using third party providers to update email workflow, ensuring the most cost-effective solution was delivered.
- Built automated flow by creating microservices using Serverless framework for articles which enabled the generation of articles for job listings, pet adoptions and real estate availability for over 1000 sites from hours to minutes.
- Redesigned weather page and migrated business posting flow to Next.js
- Mentored junior engineers through pairing on software architecture at Patch and use of Serverless Framework.

Software Engineer II   **New York, NY**
OpenTable(Acquired Venga in May 2019)   Feb 2018 - Sep 2020
- Built features using OpenTable, Twilio, MindBody, and Google Places APIs to enhance product offering.
- Engineered REST API to enable third parties to ingest POS data using serverless framework.
- Designed and constructed user activity feed filterable by type, date, user, and location using Ruby on Rails and React to empower customers to have an audit of changes made on the platform.
- Increased application responsiveness by optimizing database query performance for end users and leveraged ActiveRecord when possible.
- Collaborated in code reviews to create best practices and improve internal processes and product quality.

Technical Client Manager   **New York, NY**
Trayport Inc   May 2015 - Mar 2017
- Automated data collection on user and group permissions, eliminating human intervention and errors.
- Restructured monthly metrics to increase accuracy, reduce run time from minutes to seconds, and robustness.

Trading Platform Delivery Engineer   **New York, NY**
Fidessa corporation   Jan 2011 - Apr 2015
- Augmented trading platform through use of proprietary language and TCL.
- Updated and generated SQL reports that were used by clients to determine net gain/loss and adherence to standards of compliance and auditing.

EDUCATION

Hunter College - 2017
BA Computer Science and Physics

App Academy - 2017