

Jake Ruiz Zeledon

Software Developer

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TECHNICAL SKILLS

Strong: JavaScript, Typescript, Angular, NodeJS, NestJS, Java, SQL Server, HTML, CSS/SCSS, Alexa CLI, Jovo Framework.

Experienced: Express, Serverless, AWS (SES, DynamoDB, Api Gateway, CloudWatch, S3, Lambda), MongoDB, Spring boot, Junit, TDD, Selenium.

EXPERIENCE

Feb 2023 – Sep 2023 **Nicasource**
Software Developer

- Managed the conversational development team, providing guidance to help them achieve our objectives and maintain a commitment to excellence in crafting innovative and impactful conversational experiences.
- Headed the implementation of validation, code refactoring, efficient deployment management, and the successful certification of multiple Alexa skills.
- Enhanced the functionality of a Slack chatbot by integrating new endpoints into its API.
- Created a visually appealing landing page for a Slack bot, utilizing various web development skills to ensure an engaging user experience.
- Engineered an efficient and user-friendly online class scheduling web application, improving the overall user experience.

Aug 2021 – Feb 2023 **Nicasource (iHeartMedia)**
Software Developer

- Worked remotely as a software developer on an outsourced team for iHeartmedia.
- Implemented additional validations in the Alexa Song Request skill to ensure accurate user input logging and prevent improper behavior.
- Enhanced the table component and search algorithm in the Alexa notification portal.
- Contributed to the development of dialog directives for managing a *multi-turn conversation* between the skill and the user.
- Led the migration of the Alexa Song Request notification portal to a new technology stack, collaborating closely with the development team and stakeholders to meet project-specific requirements.
- Developed a meditation skill for Alexa, leveraging Alexa's routines capabilities to provide a unique user experience.

Apr 2017 – Jul 2021 **Nicaraguan Social Security Institute**
Programmer

- Enhanced the functionality of full-stack applications on diverse web platforms by introducing new features, resulting in improved user experiences.
- Implemented design patterns in Java to streamline algorithm workflows, significantly increasing overall efficiency.
- Designed and implemented a comprehensive suite of testing tools and programs to cover a wide range of aspects, including database impacts, software scenarios, unit testing, end-to-end testing, error/bug retesting, and usability enhancements. This robust suite allowed us to generate millions of test scenarios, ensuring the utmost reliability and peak performance of our software.

Jan 2017 – Apr 2017 **CS50x.ni**
Teaching Staff

- Contributed by presenting and guiding students through the resolution of challenging code problems that were integral to the course.
- Educated students on code optimization techniques and demonstrated the application of Big O notation to describe algorithm performance complexity.
- Designed coding challenges, including their inputs and outputs, to ensure precise testing.

EDUCATION

2014 - 2021 **National University of Engineering**
Computer Engineer

LANGUAGE

- Spanish (Native)
- English (Professional working proficiency)