

# Raúl Negrón-Otero

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## Experience

### Industry

2022-2025 **Senior Fullstack Engineer**, *Zapier*, Remote.

- Led work on automating AWS Lambda function upgrades, resulting in 99% reduction of deprecated runtimes.
- Directed internal log externalization effort, resulting in unblocked critical data access for AI initiatives.
- Delivered full-stack implementation for public "Custom Action" support, adopted across 1,000+ live Zaps.
- Drove multiple major version feature releases across the open-source Zapier CLI platform tools.
- Volunteered as team Security Champion for 2 years, driving security incident responses and security rituals.
- Partnered with Staff+ engineers to unblock various cross-functional efforts, including a Django LTS upgrade.

2020-2022 **Software Engineer**, *BrainHi*, San Juan, Puerto Rico.

- Led an overhaul of the backend logic for conversations, from ideation to development and release.
- Added fullstack support for inbound and outbound Multimedia Messaging Service (MMS) based texting.
- Built integrations with EHR services, as well as Slack and Salesforce integrations to support internal teams.
- Developed the frontend and backend for a schedulable Messaging Campaign feature (bulk messaging).
- Built a wallet-like solution that handles in-product purchases of credits for use in Messaging Campaigns.

2019-2020 **Full-stack Developer**, *Alias Payments*, Guaynabo, Puerto Rico.

- Implemented a payout system for automatically transferring thousands of dollars daily.
- Integrated referral codes into the promotions backend.
- Designed and built APIs, internal systems and client-facing features using Node.js and Ember.js.
- Managed Amazon Web Services infrastructure, in accordance with PCI DSS requirements.

2018-2019 **Junior Back-end Developer**, *Abartys Health*, Guaynabo, Puerto Rico.

- Improved, tested and maintained an API backed by the Django REST framework.
- Integrated Amazon Web Services such as Lambda, ECS, SNS and SQS, following best practices for each.
- Performed MySQL database optimizations, migrations and maintenance on AWS RDS.
- Managed the transition to a CI/CD development workflow using Docker and AWS CodePipeline.

2017-2018 **Intern**, *National Institute of Standards and Technology*, Gaithersburg, Maryland.

- Implemented a Flask-based RESTful API for parsing form data into batch file data.

## Relevant Skills

Proficiency in Python and JavaScript.

Experience with Django, Node.js, TypeScript, React and Amazon Web Services.

Experience working with UNIX-like systems, RESTful APIs, Git, Docker, Terraform, SQL and MongoDB.

## Education

Aug 2013 - Feb 2018 **B.Sc. in Computer Science**, *University of Puerto Rico at Río Piedras*, 3.8 Overall GPA.

## Relevant Courses

Data Structures, Algorithms, Databases, Discrete Mathematics, Linear Algebra, Abstract Algebra, Theory of Computation

## Languages

Native Spanish, English