NICHOLAS MENDEZ

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SOFTWARE ENGINEER

Detail-oriented software engineer who develops resourceful and scalable solutions for technical problems. Experienced in developing full stack web applications using JavaScript, Ruby, Ruby on Rails, React, Bootstrap, PostgreSQL databases, and REST API architecture. Proven ability to identify operational bottlenecks and fulfill obligations by collaborating effectively with team members. Committed to deliver consistent results.

TECHNICAL SKILLS

Languages and Frameworks: JavaScript, Ruby, React, Ruby on Rails, HTML/CSS, Sinatra, Bootstrap
Tools: Git, AWS, Postman, PostgreSQL, WebSockets, Adobe Photoshop, Adobe Illustrator, Google Analytics

TECHNICAL PROJECTS

Extrackt – [GitHub](#) | [Demo](#)
Music production platform to upload, preview, and download high quality audio samples from a library of royalty-free, commercially licensed sounds.
- Designed and converted wireframes into intuitive frontend with Adobe CC, JavaScript, React, and Bootstrap
- Integrated AWS S3 cloud service into Rails API/Postgres backend to manage files through Active Storage
- Leveraged Web Audio API to build a custom audio UI for interacting with audio files stored in AWS S3
- Integrated File API into React controlled form to access and deliver user files to Rails API as FormData object
- Optimized server response times by incorporating pagination to API endpoints with *will_paginate* Rails gem

Flood Mail – [GitHub](#) | [Demo](#)
Email application founded principles of Game Theory, equipped with a searchable inbox, interface controls for related account data, and live notifications using Redis.
- Developed responsive user interface by implementing a fluid grid layout and CSS breakpoints with Bootstrap
- Implemented REST API to manage client-server communication between a React/JavaScript front-end and Ruby on Rails, PostgreSQL, and Active Record back-end.
- Authenticated user login on Rails API backend by securely storing user information in session cookies
- Maintained healthy Postgres database through server side data validations with Active Record Validations
- Served real-time notifications with fully-integrated WebSockets over a TCP connection using Action Cable

PROFESSIONAL EXPERIENCE

Constantly Create Shop – New York, USA

Lead Branding Specialist   *Aug 2020 – June 2022*
- Developed automation script using JavaScript, HTML, and CSS, increasing cold email outreach by 2500%
- Created modular email templates for marketing campaigns using HTML , inline CSS styling, and blob files.
- Oversaw planning of day-to-day production schedule, reducing average production lead time by 33%
- Consulted with over 500 customers to create and finalize product designs and project specifications

Instant T Shirts – New York, USA

General Manager   *Sept 2016 – Aug 2020*
- Managed and streamlined standard operating procedures for production, reducing order lead time to 2 days
- Reviewed and revised client designs with Adobe Photoshop and Illustrator for quality assurance
- Identified website bottlenecks with Google Analytics, improving average page load speed by 25%.

EDUCATION

FLATIRON SCHOOL – New York, NY   *Oct 2022*
Full Stack Web Development, JavaScript and Ruby on Rails Program

BINGHAMTON UNIVERSITY – Binghamton, NY   *Jun 2016*
Bachelor of Arts, Economics