

Nicholas Lopez

Software Engineer

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PROFESSIONAL SUMMARY

Versatile software engineering professional with expertise in full stack development, gained through hands-on experience in front-end technologies like JavaScript and React, and backend solutions using Node.js. Skilled in adapting to various programming languages and frameworks, and adept at rapidly learning new technologies to meet evolving project requirements. Motivated by opportunities to work with like-minded team members to deliver the best product possible and drive impactful solutions in fast-paced, innovative environments.

TECHNICAL SKILLS

Skills:

- **Proficient:** JavaScript, React, Node.js, PostgreSQL (PSQL), MySQL, ORM, HTML, Tailwind, Stripe, API Testing, Postman, Git, GitHub, GitHub Teams, Slack
- **Knowledgeable:** Vue, Angular, Docker, AWS, Azure, Python

Certifications:

- AWS Certified Cloud Practitioner Certification (in progress, expected completion June 2025)

TECHNICAL PROJECTS

MatKings | Front/Back End Development | 08/2024 | <https://github.com/datafaust/bji-app>

- Developed a responsive platform enabling jiu jitsu instructors to advertise services and manage private lessons, shifting from word-of-mouth to digital.
- Implemented customized dashboards for instructors and students to manage bookings and schedules, enhancing efficiency and user experience.
- Integrated Stripe for secure payment processing and Firebase for user authentication, ensuring seamless transactions and login.
- Utilized Docker for consistent development environments and streamlined deployment, and leveraged Tailwind CSS for a consistent and responsive design.

Niche Nest | Front/Back End Development | 05/2024 | <https://github.com/NJZYEnterprises/NicheNest>

- Engineered a responsive platform that allows freelancers to advertise and offer their services while enabling users to book these services. The website handles booking and session management, providing both freelancers and users with a calendar to view their schedules and book classes.
- Orchestrated a sophisticated full-stack solution, employing Vite React for the front end, Express and Node.js for the servers, and Prisma for our databases, establishing seamless communication between the components via APIs.
- Used Tailwind CSS to easily style our components, ensuring a consistent and responsive design across the application. Additionally, we utilized Firebase for seamless user authentication, providing a secure and efficient login experience for our users.
- This project was built with a team of four, utilizing Git for version control and Git projects to manage the production workflow.

UFC Fight Library | Front End Development | 03/2023 | <https://github.com/Lopez4163/ufcApp>

- Implemented robust web scraping with Puppeteer to extract and structure data from the official UFC website, creating a JSON-based fighter database.

- *Orchestrated a responsive React front end, integrating state management with React hooks for dynamic user interactions and a fluid user interface.*
- *Engineered a subscription mechanism allowing users to receive automated email confirmations using Node.js.*
- *Ensured cross-browser compatibility and responsiveness, adhering to best practices for creating a versatile application across diverse screen sizes.*

EXPERIENCE

Full Stack Software Engineer | FaustTech | FaustTech.co | Queens, NY

09/21 - 08/2024

- *Engineered and maintained a wide variety of dynamic React.js applications for clients.*
- *Implemented new features, architected Node.js servers, and developed RESTful APIs for seamless integrations.*
- *Try to include numbers (e.g. percentages, dollar amounts) highlighting your contributions/accomplishments*
- *Managed Stripe payment integrations, optimized user experience, and collaborated with cross-functional teams to deliver secure, scalable solutions aligned with project goals.*
- *Provided consulting services by recommending tech stacks, methods, and offering advice on project design and development to ensure optimal outcomes for clients.*

Lead Sales Associate | Converse | Queens, NY

09/19 - 08/2023

- *Provided exceptional customer assistance, operated the cash register, and efficiently organized the stockroom, enhancing communication and organizational skills in a fast-paced retail environment.*
- *Excelled in training new employees, focusing on process optimization and effective use of point-of-sale (POS) systems.*
- *Implemented data-driven strategies to improve sales performance by analyzing sales trends and customer feedback, contributing to a more personalized shopping experience.*

EDUCATION

New York City College Of Technology Bachelors In Technology - Computer Systems

09/2022 - 06/2026

Bachelor's degree in Computer Systems from CUNY, with a focus on Software Development. The program integrated theory, hands-on experience, and industry exposure, providing practical skills and adaptability to meet the evolving demands of the software engineering field.

Fullstack Academy Web Development Bootcamp Software Engineering Certificate

04/2024 - 07/2024

Immersive software engineering coding bootcamp focused on JavaScript and React for front-end development, with an emphasis on backend development using Node.js and PostgreSQL (PSQL).

MILITARY SERVICE

- *Collateral Duty Inspector/Mobile Facility Technician | United States Marine Corps | Okinawa, JP | 2014 - 2019*
- *Specialized as a Mobile Facility Technician, maintaining and repairing ISO containers and Mobile Facilities for the Marine Air Wing.*
- *Streamlined maintenance reporting processes by implementing digital tracking systems, improving data accuracy and operational efficiency.*
- *Awarded Navy Achievement Medal for leading and training 20 Marines as a Mobile Facility Technician as well as assisting the F35 program with electrical support.*