

# JONATHAN SILVA

## SOFTWARE ENGINEER

### EXPERIENCE

#### Software Engineer | Freelance

MAR 2018 - PRESENT, REMOTE

- Built custom websites with HTML, CSS, SASS, React, JavaScript, WordPress, & WooCommerce, meeting diverse client needs
- Developed full-stack applications using Node.js, Express.js, & seamlessly integrated third-party services, adhering to version control best practices with Git
- Ensured seamless user experiences through responsive & accessible design.
- Optimized development workflows & deployed applications on Linux servers, boosting performance & security
- Designed & implemented efficient SQL /relational database schemas for dynamic data management in web applications
- Crafted interactive user interfaces with React.js for enhanced engagement.
- Implemented secure authentication with JSON Web Tokens & built robust REST APIs

#### Web Developer / Administrator & 3D Designer | INTENEBRIS

FEB 2014 - PRESENT, NEW YORK, NY

- Engineered & deployed an optimized e-commerce platform with WordPress/WooCommerce, integrating custom plugins & themes for enhanced user experience & operational efficiency, keeping a majority of tasks in-house saving an estimated total of \$20,400 in outsourced labor
- Integrated third-party APIs like Stripe Payment Gateway & AfterShip for secure payment processing & order tracking, boosting customer satisfaction & retention
- Managed SQL databases using phpMyAdmin, ensuring data integrity, performance, & scalability for efficient handling of customer data
- Configured server settings, SSL certificates, & DNS records on cPanel Linux servers, demonstrating proficiency in web server management best practices

#### Operations/Production Manager & 3D CAD Designer | Shahla Karimi

JUL 2021 - JUN 2022, NEW YORK, NY

- Engineered custom automations with Zapier using proficiency in JavaScript & APIs to eliminate the most tedious tasks in production, sales, CRM process, & cross-team communication, to keep teams lean & focused on more demanding tasks
- Designed & implemented a suite of web tools & applications tailored to the specific needs of individual team members, enhancing efficiency & productivity across departments, resulting in a daily individual time savings of 1 - 2.5 hours per day
- Leveraged 3rd-party REST APIs to engineer condition-based email communication with vendors, conditional order due dates, automatic product rendering & email to clients, automated QC procedures, & tracked order envelopes
- Ensured shipping of high quality products & features

### PROJECTS

#### Mentor Me | Bootcamp Capstone Project

DEC 2023, Brainstation

Mentor Me is a platform I designed to connect people who want to learn new skills with people who wish to fill the role of a mentor.

- Full stack React application with a Node.js/Express backend
- Three.js 3D globe to render user data points & interactions
- Complex MySQL database
- User authentication via JWT
- GeoApify API for translating user location to mappable coordinates

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■ [jonathansilva.io](https://jonathansilva.io)

### SKILLS

HTML, CSS/Sass, JavaScript, React.js, Node.js, MySQL, Git, GitHub, Typescript, Express.js, REST APIs, User Authentication, Heroku, cPanel & WHM Linux Servers, Jest, DevOps, Three.js

### PROFILE

With a background in 3D CAD, I've embraced a shift towards software engineering, driven by pandemic challenges and my CAD successes.

As a software engineer, I excel in React, TypeScript, Node, and Express, while also utilizing WordPress and WooCommerce as needed. I emphasize manual coding for clean solutions, fostering continuous learning and skill refinement.

My interests extend to health, education, music, finance, SaaS, and consumer electronics.

### EDUCATION

#### BrainStation | Diploma in Software Engineering

SEPT 2023 - DEC 2023

NEW YORK, NY

#### FIT NYC | BFA, Illustration & Graphic Design

FEB 2007 - MAY 2013

NEW YORK, NY

### AWARDS

#### AWS Data Exchange Hackathon (1st Place)

DEC 2023

- Created a working prototype in under 24 hours with a revamped ui & prototype AI search function
- Worked alongside UX designers & Data Scientists utilizing agile methodology