

JONATHAN SILVA

SOFTWARE ENGINEER

EXPERIENCE

Operations/Production Manager & Designer | Shahla Karimi

JUL 2021 - JUN 2022, NEW YORK, NY

- Built custom automations using proficiency in JavaScript & APIs to eliminate the most tedious tasks in production, sales, & CRM process, to keep team lean & focused on more demanding tasks.
- Devised a series of web tools and applications to aid daily tasks within the company and aid individuals with their workflow
- Automated tasks with Zapier; condition-based email order submissions to vendors, conditional order due dates, automatic product rendering & email to clients, automated QC procedures, & tracked order envelopes
- Combined automations resulted in saving between 1 to 2.5 hours per day
- Ensured shipping of high quality products and features

Owner/Designer | Intenebris

FEB 2014 - PRESENT, NEW YORK, NY

- Customized, maintained, tested, & debugged the e-commerce shop, keeping the majority of tasks in-house
- Collaborated closely with developers to implement custom plugins and functionality to the store site using object oriented programming languages & provide a unique experience to customers.
- Cultivated a strong presence in the fine art world through high-profile collaborative projects with world-renowned painters and sculptors, contributing to the brand's growth and recognition
- Designed, photographed, and marketed all products in the store, maintaining a consistent and visually appealing online storefront

CAD/CAM Director | M & V Vanguard Jewelry

JUL 2019 - JUL 2021, NEW YORK, NY

- Standardized CAD building process & created documentation for most common ordered styles to ensure consistency
- Planned & built a comprehensive CAD library of parts for our most common styles, for ready-to-assemble castings which accommodate all our stone size and shape options
- Established best practices for the QC process which minimized company losses by 15% & decreased turnaround time

PROJECTS

Mentor Me | Bootcamp Capstone Project

December 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 and interactions
- Complex MySQL database
- User authentication via JWT
- GeoApify API for translating user location to mappable coordinates

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SKILLS

HTML, CSS/Sass, JavaScript, React, Node.js, MySQL, GitHub, Typescript, Express, REST APIs, User Authentication, Heroku, Python, cPanel/WHM Servers, Jest

PROFILE

I've always had a love for technology. I spent a significant part of my career in jewelry and art turning business and product ideas into engineering solutions. After reaching notable milestones in CAD and facing the challenges brought by the pandemic, I've decided to pursue my long-held goal of transitioning into software engineering.

EDUCATION

BrainStation | Diploma 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 and prototype AI search function
- Worked alongside UX designers and Data Scientists utilizing agile methodology