

JONATHAN GREGIS

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[Github.com/jongregis](https://github.com/jongregis) | linkedin.com/in/jonathan-gregis



SOFTWARE ENGINEER

An ambitious full-stack software engineer desiring to bring entrepreneurial strategy to a software engineer position. As a software engineer, I am tasked with not only being an innovative solution seeker, but also a patient communicator when working with my team. My curiosity for learning has led me to discover a passion in the engineering industry and I will continue to develop new skills to propel me into this next chapter of my professional career.

EXPERIENCE

Software Engineer II | *Spectrum Enterprise Austin, TX (2020-Present)*

- Working on the SEFA (Spectrum Enterprise Fulfillment Automation) Circuit Design team building the new platform that apps are built on for order and fulfillment.
- Building Python Rest API's to automate the fulfillment process for all new orders, change requests for existing customers, and integrate with other internal applications such as Salesforce, circuits, and inventory.
- Designing and creating the sequence diagrams for API creation and documentation.
- Creating unit and integration tests for system endpoints.

(Skills used: *Python, Flask, PyTest, Jenkins, REST, Kafka*)

Software Developer/Digital Marketing Manager | *Education Consultant Associates Philadelphia, PA (2014-2020)*

- Design and develop ADA compliant, high-converting websites/landing pages, HTML email marketing campaigns, and Adobe Illustrator brochures for courses. Lead a team of 30 in the Philippines in various social media strategies and ensure all communications are compliant with US education guidelines.
- Building websites for top universities with technologies ranging from HTML/CSS, HTML/CSS/JavaScript, HTML/CSS/JavaScript (React), HTML/CSS/Python (Django, Flask), HTML/CSS/ASP.NET depending on clients' needs.
- Build out the billing/invoicing automation software which saved the company 40K a year. Tracks student progression through their course and invoices each school independently with custom generated PDF's. Creating the REST API in Go to be used and scaled for other schools to use and integrate their data into.

(Skills used: *Go, Python, Django, Selenium, JavaScript, Node, WordPress, HTML, CSS, ASP.NET Photoshop, Illustrator*)

PROJECTS

Personal Website/Portfolio

Portfolio website that showcases past projects, digital resume and blog.

Skills used: *React, Node, Express, SASS, bootstrap, nodemailer, axios mock adapter HTML, CSS* (Jongregis.com)

Cryptofuse: Crypto Mutual Fund

Cryptocurrency mutual fund web application giving users the ability to seamlessly invest fiat currency into a fully diversified cryptocurrency fund using a blockchain wallet.

- Web App featuring two-factor authentication, data visualization, blockchain wallet API integration and vector animations.

Skills used: *React, Redux, node, SASS, Express, MongoDB, Mongoose, Google cloud platform, MaterialUI, ApexCharts* (crypto-fuse-react.herokuapp.com)

- Mobile App (In production) - Skills used: *React-Native, AWS, XCode, Android Studio, HTML, CSS*

Billing/Invoicing Automation

Creating automation software for the billing/invoicing department to fully automate the tracking of student progression through their course, automate billing to individual schools with a GUI, and develop a python module for PDF invoice creation. Skills Used: (*Go, Python, PyQt5, OpenPyxl, pandas, reportLab*) <https://github.com/jongregis/Job-Automation>

Amazon Order Automation

Each of our students receives a laptop with their course. This automation program orders the specific laptop on Amazon and then checks once a day to see if it has been shipped. Once sent, an email with tracking information is sent to the student.

Skills used: (*Python, OpenPyxl, Selenium*)

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Machine Learning Instagram Bot

Machine learning project using Instagram and web scraping to automate Instagram profiles. The ML model is trained with images I wish to use. Each day it scrapes images from across Instagram and then runs them across the model, saving the best pictures. When an image is used, it tags the originator in the post for copyright usage and goes about liking and commenting on posts to grow engagement.

Skills used: (Python, TensorFlow 2.0, Selenium, Pandas)

Skills/Technologies

Python, Django, Flask, TensorFlow, JavaScript, Node, CSS, HTML, React, ReactNative, Redux, GraphQL, Apollo, ASP/.NET, C#/.NET, MongoDB, AWS, Java, Go, Git, Linux, CompTIA Security+, Jenkins

EDUCATION

Temple University *Philadelphia, PA 2011*

B.S. in Business Marketing

Capital Factory Austin Coding Academy (ACA) *Austin, TX 2019*

Graduated from the 12 Month Full-Stack Bootcamp (MERN). Competent with the MERN stack along with data structures, source control (GIT), and unit testing.

Udemy

Java Programming Masterclass for Software Developers (80 hours)

Lean How to Code: Google's Go (golang) Programming Language (47 hours)

Data Structures & Algorithms (20 hours)