Anthony Sukadil

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Education

Honours Bachelor of Science, Computer Science with Management Option   2021
Wilfrid Laurier University, Waterloo, ON

Technical Expertise

Languages and Systems: Python, JavaScript, HTML, CSS, Angular, Linux, Windows
Skills: Flask, Git, AWS, NumPy, Pandas, MySQL, MongoDB, Django, .NET Framework, JIRA, Agile, Tableau

Projects

League of Legends Build Theory Crafter, ON   August 2020 – Present
Accessible at https://vorpal56.github.io/league-theory-crafter
- Designed a web application from the ground up using Angular to potentially allow millions of players to determine best builds based on many different interactions without loss of functionality.
- Formalized methods of data collection using Python that conform to defined data models.
- Desktop and mobile friendly UI/UX that's concise, consistent and intuitive

Employment

North60 Technologies, Full Stack Developer, Mississauga, ON   May 2019 – Present
Joined the Development Team with focuses on redesigning and optimizing business flows, team management, information consolidation, and automation, highlighted by the following projects:

Shelf Labels and Sign Generator: Lead developer of a web application that is used to generate shelf labels and signage for everyday use across 13 stores in Ontario for dozens of employees.
- Conceptualized and redesigned a legacy and localized generator extending its usage store-wide, simplifying the process for employees and reducing time spent by up to 30 hours per month.
- Implemented the improved web application using Python and JavaScript reducing production costs by approximately $10,000 per year.
- Cooperated with software users and UI/UX Designer to design an effective and user-friendly UI using HTML, CSS and JavaScript following Agile methodology.

Refunds Recorder and Dashboard: Lead developer that introduced and organized a method of tracking refunds for all stores for the auditing department, overseeing hundreds of transactions daily.
- Created a program using C# Windows Presentation Foundation (WPF) where employees fill in refund-related details and records the entire refunds process.
- Uses AWS SDK to send recorded refunds to S3 and is fetched from the dashboard every day.
- Designed a dashboard that fetches recorded refunds using Python, compresses videos using FFmpeg, and tracks the details onto MongoDB to manage thousands of potential refunds.
- Implementation of the programs led to an increase in refund validity and reduced auditing time.

Rigel Wholesaler Website: A website to promote and market one of our sub-organizations, Rigel Closets (https://www.rigelclosets.com).
- Front-end implemented using HTML, CSS and JavaScript.

- Created a back-end Python service to fetch latest feeds from Facebook and Instagram, and an emailing service to contact our team for consultations using SendGrid.
- Lead developer that managed team members on the project using Git and Agile methodology.

Web-store Development and Management: Helped handle and automate sale processes on our BigCommerce web-store to sell products to customers across Canada (https://solutions-stores.ca).

- Redesigned and significantly improved scripting for the upcoming sale process using Python.
- Data assessment performed using qualitative and quantitative measures such as Levenshtein distance, price normalization, product variant analysis, and department/sub-department matching.
- Increased data accuracy from ~45% to ~78% and reduced corrective maintenance time.

Human Resources Information System (HRIS): Lead developer in streamlining the recruitment process and consolidation of employee information to be less physical record based for HR on Zoho Creator.

- Designed simple workflows that provides better scheduling, notifications, assessment of potential candidates and current employees to the HR department.
- Used on multiple different recruitment platforms including LinkedIn, Monster, and Indeed to better accurately screen potential candidates' weaknesses and strengths.

OSCAR EMR REST API: Created an easy-to-use API to access OSCAR EMR resources.

- Setup the development environment for our cross-functional team on an AWS EC2 instance.
- Implemented OAuth2.0 handshaking to OSCAR to authenticate valid users using Python.
- Written as a basis for our in-house web and mobile applications; managed by our team in India.

Instructional Assistant – Microprocessors, Waterloo, ON   2019

- Reviewed, marked and provided help to students in labs using ARM assembly.
- Effectively teaching assembly language concepts in a concise way.

Articles

Contact Form Without a Server using Angular   2020

Accessible at https://medium.com/swlh/contact-form-without-a-server-using-angular-95af74da4ed2

- Formalized a step-by-step guide from start to finish on implementing a serverless contact form using Angular
- Created to

Extra-Curricular Activities

Laurier Data Science Society – Student Member, Waterloo, ON   2019

- Learning about and working on data science projects using Tableau, Anaconda, and R.

PHI Society Web Development Team – Student Member, Waterloo, ON   2 Months – 2017

- Learning Front-end website development using HTML, CSS, and JavaScript at Laurier.