

Experience

SOFTWARE ENGINEER | LAPTOP OUTLET | APRIL 2020 – OCTOBER 2021

- Led the end-to-end development of a robust e-commerce platform. The platform contains notable features such as advanced faceted search, Elasticsearch-powered search bar, password-less login, order tracking, automated inventory management, and adherence to SEO (Search Engine Optimization) best practices.
- Led the development, designed the architecture, crafted the User Interface, and coded a Content Management System and Inventory Management System with role-based access control from scratch.
- Technologies used: NodeJS, React, HTML, Git, Typescript, Tailwind CSS, Google Cloud, MongoDB, & GraphQL.

SOFTWARE DEVELOPER, INTERN | APPLAND S.A. | OCTOBER 2019 – MARCH 2020

- Contributed to front-end development & API design for client websites.
- Implemented DEVOPs solutions for projects, improving development & operation processes.
- Designed databases and system architecture for multiple projects.
- Created presentations for higher managers and clients to report progress on projects & answer concerns.
- Practiced SCRUM/Agile methodology.
- Technologies used: React, JavaScript, HTML, CSS, Git, Firebase, MySQL, & AWS.

MARKETING ASSISTANT, INTERN | SYNERGY CONTROLS CORP. | JANUARY 2022 – APRIL 2022

- Designed and implemented email campaigns using HTML and CSS.
- Developed Word templates for product pages, announcements, & job postings, improving consistency & efficiency in communication.
- Participated in a successful phone survey campaign to gather customer feedback.

Projects

Personal website: www.selvinmayes.com (for more information).

E-COMMERCE WEBSITE (WWW.LAPTOPOUTLET.HN)

- Notable features & characteristics: faceted search (filters are dynamically generated), best SEO practices, OAuth authentication.
- Technologies used: NodeJS, React, HTML, Git, Typescript, Tailwind CSS, Google Cloud, MongoDB, & GraphQL.

CMS FOR E-COMMERCE ([HTTPS://LAPTOPOUTLET-ADMIN.VERCEL.APP](https://LAPTOPOUTLET-ADMIN.VERCEL.APP))

- Notable features & characteristics: Role based access control, authentication, control of categories, edit e-commerce's home page, ability to manage users, products, & orders.
- Technologies used: NodeJS, React, HTML, Git, Typescript, Google Cloud, MongoDB, & GraphQL.

Education

GRADUATE DIPLOMA IN ARTIFICIAL INTELLIGENCE SOFTWARE DEVELOPMENT | SEPTEMBER 2022 – JUNE 2023 | ALGONQUIN COLLEGE, OTTAWA, ONTARIO

Programming Coursework: Machine Learning, Reinforcement Learning, Machine Vision, Natural Language Processing, Knowledge Representation

GRADUATE DIPLOMA IN INTERNATIONAL BUSINESS MANAGEMENT | MAY 2021 – DECEMBER 2022 | CAMBRIAN COLLEGE, SUDBURY, ONTARIO

BACHELORS IN COMPUTER SCIENCE | MAY 2021 – JUNE 2020 | NATIONAL AUTONOMOUS UNIVERSITY OF HONDURAS, TEGUCIGALPA, HONDURAS

Programming Coursework: Object Oriented Programming, Algorithms & Data Structures, Web Development, Operating Systems, Network Design, Microprocessor Embedded Software Development, Neural Networks

Training & Skills

- JavaScript, Typescript, React, Next.js, HTML, CSS, Tailwind CSS.
- Backend development (proficient): Python, PHP, Java, SQL, MongoDB, GraphQL, REST, NodeJS, Laravel
- Data Visualization: Tableau, Power BI, Google Analytics
- Machine Learning & data science: SciKit-learn, Tensorflow, PyTorch, OpenCV, RapidMiner
- Fluent in Spanish & English