Jenny Hillary Dcruz

Toronto, Canada
jendcruz23@gmail.com

Portfolio - bit.ly/jennysresume | linkedin.com/in/jennydcruz/

EXPERIENCE

Web Developer — *Geotab, Toronto*
AUGUST 2024 - PRESENT

Professor — *Humber College, Toronto*
JANUARY 2023 - AUGUST 2024

Full Stack Developer — *Humber College, Toronto*
MARCH 2022 - APRIL 2023

EDUCATION

Master of Professional Studies, Informatics with a concentration in Leading and Managing Technical Projects — *Northeastern University, Toronto, CA*
SEPTEMBER 2022 - DECEMBER 2023
Relevant projects: Usability Study - Improved website usability for Qualitative Research Consultants Association via user research & redesign recommendations, enhancing organization, navigation & stakeholder relevance. SEO - Collaborated with "The Path Restaurant & Lounge" to boost online presence through SEO strategy & keyword optimization, suggesting website redesign improvements.

Post Graduate Certification, Web Development — *Humber College, Toronto, CA*
SEPTEMBER 2021 - AUGUST 2022
Relevant project: Planned and developed a Salary Calculator application (HTML, CSS, JS, MySQL, Idiorm, PHP) for accurate salary determination based on the candidate's experience.

Bachelor of Engineering, Computer Engineering — *St Francis Institute of Technology, Mumbai, IND*
JULY 2017 - JUNE 2021
Relevant project: Developed Deep Audiobook Tuner - a deep-learning Python model for sentiment-driven music generation in audiobooks and a dynamic front-end (Flask, HTML, CSS, JS, Bootstrap) to showcase results.

PROJECTS

Shade Maker
An interactive colour exploration and analysis tool built with React, empowering users to manually explore colors or upload images for analysis. Leveraging React Hooks & JSX for a dynamic interface and HTML5 Canvas for dominant colour identification.

Van Gogh
Developed an e-commerce platform featuring Van Gogh's artwork and merchandise, using WordPress, WooCommerce, the NextGen Gallery plugin, and an RSS feed that fetched content from various art websites to deliver a comprehensive user experience.

Blockbuster's Admin
Developed an ASP.NET Web Application for managing movie rentals, utilizing the Entity Framework for CRUD operations.

Redundancy Remover
Built a duplicate image removal web application (HTML, CSS, JS, Python, Flask) using an Average Hashing Algorithm for analysis and identification of similar images.

SKILLS

Technical skills: HTML, CSS, JavaScript, TypeScript, jQuery, Bootstrap, React, Angular, Vue.js, Node.js, REST APIs, Flask, PHP, .NET (ASP.NET Core), Java, Python, C#, C++, SQL (MySQL, PostgreSQL, SQL Server), NoSQL (MongoDB), Git (GitHub), Webflow, WooCommerce, Figma, WordPress, Microsoft Power BI, Tableau, Google Analytics, Microsoft Office.

Soft skills: Agile Project Management, Collaborative, Communication, leadership, Highly Organized and Detail-Oriented, Self-Starter, Proactive, Creative Problem-Solving, Conscientious, Self-motivated, Punctual.

PUBLICATIONS

Emotionally relevant background music generation for audiobooks
SEPTEMBER 2021
Presented at the International Conference on Artificial Intelligence and Machine Vision 2021, published in the IEEE Digital Library.

Story-Plot Recommender using Bidirectional LSTM network
DECEMBER 2020
Presented at the International Conference On Computational Intelligence 2020, published in Springer's Algorithms for Intelligent Systems Series.