



MARTIN NICOLA

SOFTWARE ENGINEER



martinnicola.com



github.com/codewithmarty



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TECHNICAL SKILLS

Languages, Frameworks, and Libraries:

JavaScript, Python, Node.js, Express.js, Socket.IO, HTML5, CSS, jQuery, AJAX, Django, React.js, Vue.js, Angular, Java, C++, C#, SwiftUI

Databases and DB Management Tools:

PostgreSQL, MySQL, MongoDB, Mongoose

Cloud Computing

AWS: S3, EC2, DynamoDB, RDS, Lambda

Methodologies:

Object Oriented Programming, MVC Pattern, Responsive Design, Test-Driven Development, Authentication, User Stories, ERDs, Wireframing, REST APIs

EDUCATION

Cloud Practitioner Certification 2023

AWS

Deploying valuable products to the various services offered by the cloud including: EC2, S3, DynamoDB, RDS, Lambda. Learning how to utilize all of these services in a scalable environment to meet client needs.

Software Engineering Immersive 2021

General Assembly

Full stack web development program focused on integrating complex back-end functionality, intuitive front-end user interfaces, and best-practices of OOP, MVC frameworks, team development, and test-driven deployment.

Biomedical Physics (MSc) 2017-2018

Toronto Metropolitan University

Performed advanced data analysis and manipulation with C++ toolkits and Python based programs to analyze dosimetry around nonoscale of novel form of radioactive particle

PROJECTS

Yowl | [github](#)

Yowl is a powerful Twitter-like application built on AWS cloud architecture.

AWS S3

AWS Lambda

AWS API Gateway

AWS DynamoDB

AWS IAM

React.js

SpringBoardJuniors.io | [github](#)

A job board that allows employers to post openings along with relevant technical assessments to better gauge applicants for the role.

Django

PostgreSQL

Angular

Python

friend.ly | [github](#)

A social media application like Tinder but for making friends.

Express/Node

React

MongoDB

Socket.IO

MMA API | [github](#)

A set of endpoints that allows any user to collect data on their favourite MMA fighters to build out their own applications.

Express/Node

Python

MongoDB

PROFESSIONAL EXPERIENCE

Full Stack Developer 05/2022 - present

Agency Undone

Backend development in node. Frontend development in Vue.js framework. Data cleansing, analysis, and centralization from multiple sources including MongoDB and JSON API, identification and display of relevant metrics for client analysis in an easily-digestible format.

Associate Instructor 12/2021 - present

General Assembly

Instruct students engagingly, encouraging teamwork and promoting overall technical skill enhancement. Students are mentored while they build four fundamental projects including a capstone MERN stack application.