Fabian Morales

Computer Engineer and Full Stack Developer

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PROFILE

Experienced Computer Engineer and Full Stack Developer with 12 years of expertise in IT. Skilled in providing 1st and 2nd level support, conducting manual testing, and serving as a Scrum Master. Results-driven professional with a strong commitment to delivering high-quality work and creating end-to-end web applications that align with client needs. Proficient in research, planning, design, development, and testing.

SKILLS

LANGUAGES
JavaScript, Ruby, HTML, CSS

FRAMEWORKS & LIBRARIES:
NodeJS, ReactJS, Ajax, Express, EJS, jQuery, Bootstrap, ActiveRecord, Rails, SASS

SPOKEN LANGUAGES:
English, Spanish

TESTING:
Cypress, RSpec, Jest, Mocha, Chai, Manual testing

SYSTEMS AND DATABASES:
SQL, Git

ADDITIONAL:
Scrum Methodologies, Hardware, Software and Network Support.

PROFESSIONAL EXPERIENCE

11/2018 – 06/2022
Calgary, Canada

Volunteer support technician
SpanicArt
- Administered websites and updated information on various platforms such as Facebook, Instagram, and the company website.
- Provided technical assistance to personnel, troubleshooting, and consulting on computer-related issues.
- Assisted in the organization of events and meetings.

11/2017 – 03/2021
Calgary, Canada

Support specialist
Consulate of Colombia in Calgary.
- Provided hardware, software, and network support.
- Advised on the acquisition of equipment and technology.
- Installed and maintained workstations.

02/2013 – 11/2017
Bogota, Colombia

Technical Engineer
Ministry of Foreign Affairs of Colombia.
- Supervised the software development team's performance and quality testing as the Scrum Master.
- Verified desired functionality and performance according to customer specifications and requirements through test procedures.
- Documented repair processes and simplified procedures for future technical assistance actions.
- Provided second-level IT support to Colombian diplomatic missions worldwide.
- Wrote technical documents, user manuals, application documentation, and software requirements.
- Conducted queries and updates of information in SQL databases.

EDUCATION

04/2023 – 07/2023
Calgary, Canada

Diploma Full-Stack Web Development
Lighthouse Labs

06/2013 – 08/2019
Bogota, Colombia

Bachelor's Degree, Computer Science
UNAD University, Bogotá, Colombia

06/2010 – 08/2011
Bogota, Colombia

Diploma Maintenance of Computer Equipment
National Learning SENA

CERTIFICATES

- Certification, CompTIA A+
- Software Engineering Course
- Certification Scrum Fundamentals
- Assembly and maintenance of computers
- Certification Scrum Developer

PROJECTS

Exam-genie
Technologies used: React.js, Express.js, Sass, Html, Boostrap, OpenAi, Chart.js, Auth0, PostgreSql
Developed a question generator application for exam preparation, incorporating Artificial Intelligence for question generation and providing feedback on correct answers. The application includes a challenge or game section for collaborative studying. Additionally, the application saves the exam history for future reference.

PhotoLabs
Technologies used: React.js, Node.js, PostgreSql, Sass, Html
Designed and developed PhotoLabs, a cutting-edge React-based single-page application (SPA) that revolutionizes the way users interact with photos. Empowered users to explore and view photos in diverse contexts, offering a seamless and immersive experience.

Tweeter Clone
Technologies used: JavaScript, Css, Html, PostgreSql
Developed a Twitter clone application showcasing proficiency in JavaScript, AJAX, Node.js, HTML, and CSS. Utilized asynchronous coding methods to ensure real-time responsiveness to user inputs.

Jungle
Technologies used: Ruby, Rails, Html, Sass
Developed Jungle, a robust e-commerce application using Rails 6.1. Leveraged the power of Ruby on Rails framework to create a scalable and efficient platform. Implemented essential features such as user authentication, product listings, shopping cart functionality, order processing, and payment integration. Ensured a seamless user experience by incorporating responsive design principles and intuitive navigation. Demonstrated strong problem-solving skills and attention to detail throughout the development process.

Resource Wall
Technologies used: JavaScript, Express.js, Html, Sass, PostgreSql
Developed and implemented the Resource Wall project, a dynamic platform for sharing and exploring photos on various topics. Each photo or post includes URL links to provide additional information related to the topic. Enabled user interaction through features such as commenting, rating, and liking posts.