



YURIESKY MÉNDEZ

Software Developer

PROFILE

Software developer with over 15 years of experience in web and desktop programming, specialized in geographic applications, service management systems, and customized platforms. Passionate about innovation, creativity, and problem-solving through the use of efficient algorithms. Proactive, with strong communication skills and adaptability to learning new technologies.

GENERAL

DATE OF BIRTH:
September 19, 1983

RESIDENCE:
Cuba

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ymlee0919@gmail.com

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+53 54881372

ENGLISH LEVEL:
Basic

HOBBIES

Programming
Swimming
Exercising
Playing guitar

ACADEMIC

University of Havana
Cuba - 2008
Bachelor's Degree in Cybernetics

WORK EXPERIENCE

International Center for Communications, Caribe Earth Station

Telecommunications Specialist | 2021 – Present

- Operation and maintenance of RF equipment such as modulators, decoders, power amplifiers, up-converters, down-converters, LNA (Low Noise Amplifiers), and LNB (Low Noise Block converters).
- Acquisition of technical knowledge in satellite communications, antenna operation, teleport management, and high-availability communication links.
- Support in the operations of Cuba's largest satellite communications center.

GardenCruz LLC & GlobalAction Ministry

Lead Developer | 2020 – 2022

- Development of internal management applications in PHP tailored to the needs of both organizations.

CubanEden

Lead Developer | 2016 – 2020

- Creation of a web platform for managing tourist services in Cuba.
- Development of an admin panel, owner profiles, and client interface.
- Technical integrations: calendar synchronization with Airbnb, payments via Stripe.
- Use of PHP, Bootstrap, MaterializeCSS, MySQL.

Side Projects:

- Sales management system for an office supply business (PHP)
- Desktop application for DialUp connections in C#.

Agency for Research and Development Applied to Geomatics - Geocuba Pinar del Río

Software Developer | 2008 – 2016

- Development of a platform for web applications using PHP and ExtJs v3.
- Creation of a geographic information visualization system integrated with MapServer, Apache, and Postgres/PostGIS/PgRouting.
- Experience with GIS tools such as MapInfo, QuantumGIS, and gvSIG.
- Participation in scientific publications on data mining applied to geography:
 - **Design and Implementation of a Data Mining Tool for the Cartographic Visualization of Spatial Association Rules (VCMD-RAE)**
[View article](#)
 - **gvSIG-WEKA: A Data Mining Tool Integrated into a GIS for Processing Geographic Cadastral Data**
[View article](#)

PERSONAL PROJECTS

- **Arkit:** Web application development platform based on PHP.
[View on GitHub](#)
- **Christian Match:** Collection of Christian games for local churches, developed in C#.
[View on GitHub](#)
- **PhotoEstudio:** Website for promoting a photography studio. Includes an admin panel. Developed in NestJs and React.
[View on GitHub](#)
- **Pekelín:** Website for selling children's clothing. Includes an admin panel. Developed in NestJs and React.
[View on GitHub](#)

CURRENT UPGRADES

Studying and practicing the **Node.js** ecosystem: React, NestJS, Express, TailwindCSS.

TECHNICAL SKILLS

- **Languages:**
JavaScript, TypeScript, C#, C++, PHP, HTML, CSS.
- **Frameworks and Libraries:**
React, JQuery, NestJS, Express, ExtJs, Bootstrap, MaterializeCSS, TailwindCSS.
- **Databases:**
MySQL, PostgreSQL, PostGIS
- **Maps and Geographic Systems:**
MapServer, Google Maps API, MapInfo, QuantumGIS, gvSIG.
- **Other Technologies:**
Git, GitHub, AMP, Payment platforms API.