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Universidad Tecnológica
de León (UTL) 📍

Aideé Casillas

Junior Programer

ABOUT ME

Passionate about technology and software development, I seek to put my knowledge in programming and data analysis into practice by contributing to the creation of innovative solutions.

ACADEMIC TRAINING

Knowledges

- Consumption and creation of RESTful APIs.
- Relational database design
- Algorithms and data structures
- Use of GitHub
- Unit tests
- Clean and standardized code
- Basic infrastructure
- Traditional and agile methodologies
- Creation of IoT applications

Skills

- Problem solving
- Continuous learning
- Adaptability
- Organization and time management
- Teamwork
- Planning
- Communication
- Leadership

LANGUAGES

- English: TOEFL Certification 570 points (2024)
- French: Level B1+ (2025)

EDUCATION

- TSU in Multiplatform Software Development IT

Student taking the sixth four-month course equivalent to 90% of TSU

CERTIFICATIONS

- CCNA: Introduction to Networking
- CCNA: Switching, Routing and Wireless Essentials
- CCNA: Linux Essentials
- Google: User Experience (UX) Design

AWARDS

- 2° Place Hackathon ideation with JuventudEs and UTL Brand (September 2024)
- Recognition academic performance UTL (February 2024, August 2024, November 2024)
- Recognition first place in Josefina Camarena school, August 2023

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Programadora Junior

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ACADEMIC TRAINING

Operativ Systems

- ·Windows 10 y 11
- ·Linux Ubuntu 24.04 LTS

Programming Languajes

- Java (jdk 17 y 21)
- Python (basic)
- HTML5
- CSS5
- JavaScript (ECMAScript 2020)
- MySQL v.8.0
- JavaFX v.23.0.2 (Java SE 8)
- Linux CLI

Programms

- ·Astah UML v.10.0
- ·Adobe Photoshop v.25.3.1
- ·Cisco Packet Tracer v.8.2.2
- ·Apache NetBeans IDE 24
- ·MySQL Workbench 8.0
- ·Apache TomCat 10.1.13
- ·IntelliJIDEA 2024.2.5
- ·SceneBuilder v.24.0.1
- ·MongoDBCompass 8.0.4

Frameworks

- Astro JS
- React JS
- Node JS
- TailwindCSS

PROJECTS

Website Redisign for the German Industry Committee for Culture (PIAC)

- Objectif: Complete redesign of the PIAC website, ensuring alignment with its visual identity and integrating modern web tools to enhance user experience.
- Tools: AstroJS, ReactJS, TailwindCSS, NodeJS, NPM
- Results: https://www.piac.org.mx/en/

AppMedik (5th Semester Project)

- Objectif: Develop a mobile application for managing and tracking medical appointments, aimed at pediatricians.
- Tools: Android Studio 2024.2.1, MongoDB Atlas, Node.js, AWS EC2
- Results: Mobile application with differentiated access for users (doctors and guardians), using APIs connected to a cloud server hosted on AWS.

Global Positioning System (GPS)

- Objectif: Project developed in Android Studio that enables user tracking via a GPS tracker.
- Tools: Android Studio 2024.2.1
- Results: Implementation of necessary permissions, location logic, reading of GPS coordinates, and a method for continuous position tracking.