

JUAN DANIEL RODRÍGUEZ MONTERO

ENGINEER IN TRAINING

+3 years of experience developing computer solutions. Ability to acquire and share knowledge in a self-taught way .
Willingness to work with high-performance teams. Ability to present new and innovative ideas.

MOST RECENT EXPERIENCE

Computer Engineering Student at ITCR

Jan. 2020 - Present

RESPONSIBILITIES

- As a project manager:
 - Promote engineering initiatives to reduce dependencies, improve team experience and efficiency.
 - Establish flexible timelines, minimizing the bottlenecks
 - fostering experimentation and constant feedback loops, while ensuring quality and knowledge sharing
- As a developer:
 - Backend and frontend development of applications using the requested language such as JavaScript, Java, C#, C++ or Python
 - implement the appropriate data structures to solve advanced problems
 - Solve problems using OOP and appropriate software design patterns
 - Design and implement database models.
- As a documenter:
 - use of standardized languages to diagram computer solutions.
 - Document source code using standards like Doxygen.

KEY ACCOMPLISHMENTS

- I encourage that in most of the projects in which I participate there is at least one woman,to promote the creation of more diverse and inclusive environments.
- By promoting good development practices, programming in pairs and groups, project development times were reduced.
- The development of solutions with architectures that include database, REST API, web and mobile application was achieved.
- Solutions based on complex algorithms such as the genetic algorithm, were presented to recover an image trace that has a very basic pattern of vertical or horizontal lines.

Technical Support Assistant at AAO

Nov. 2018 - Jul. 2019 - [IT Consultant]

RESPONSIBILITIES

- Handle issues related to PBX deployments, Office 365, and server performance.
- Perform preventive maintenance of computer equipment.
- Analyze possible configurations and provide solutions for hardware, operating systems and networks.

KEY ACCOMPLISHMENTS

- Reduction in implementation times due to the use of high-level solutions that did not require much knowledge in PBX programming.

SKILLS

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|----------------------|-----------------------------|--|
| • Fast Learner | • Adaptability | • Node.js |
| • Problem solving | • Team player | • React |
| • Strategic planning | • Abstract thinking | • Imperative and declarative programming |
| • Pragmatic thinking | • JavaScript, Java, C#, C++ | • Object-Oriented Programming (OOP) |
| • Active listening | • SQL, NoSQL | • Control Version Software |

COURSES

Next Amazona: Build ECommerce Website Like Amazon By Next.JS

Jan. 2022 y Dec 2022 [Udemy]

In this course, I learned to design, develop and deploy a fully-function eCommerce website like amazon from scratch.

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|----------------------------------|-------------------------------|
| • Responsive eCommerce website | • Build a scalable backend |
| • User and SEO friendly frontend | • Connect to payment gateways |

EDUCATION

Middle Technician in Technical Support at C.T.P Fernando Volio J.

Feb 2015 - Dec 2018 [Cartago, Costa Rica]

LENGUAJES

- Spanish (Native)
- English (Intermediate)