MARCOS ASTUDILLO

SOFTWARE DEVELOPER | FULL-STACK DEVELOPER

PROFESSIONAL SUMMARY

Software Developer / Programmer, skilled in Java, SQL, Python, and others programming languages with a solid foundation in both hardware and software troubleshooting. Adept at developing and refining applications, specializing in full-stack development and software engineering with a strong proficiency in relational and NoSQL databases. Brings a meticulous approach to software design and user experience, with a proven record in developing and maintaining robust, efficient applications. Known for enhancing database management, optimizing performance, and delivering scalable, user-centered solutions through collaboration and technical expertise.

SKILLS

- Software Development
- System Optimization
- Quality Assurance and Testing
- Project Management
- Time Management
- Agile Methodologies (SCRUM)

- Frontend Development
- Backend Development
- Technical Troubleshooting
- User Interface (UI)
- User Experience (UX) Design
- Analytical Thinking

WORK HISTORY

FULL STACK DEVELOPER 12/2021 to 09/2024
ConIngenio.cl (Software Development Industry), San Bernardo, Chile

- Collaborated with product managers to design and develop cutting-edge applications.
- Led the design and deployment of a customer management system, integrating user feedback mechanisms to gather insights for ongoing development.
- Implemented back-end web applications, focusing on coding, unit testing, and integration to support scalable and secure software solutions.
- Authored and maintained detailed technical documentation, including code comments and user manuals, to support future reference.
- Troubleshot and resolved complex hardware and software issues, leading to improvements in system functionality and user experience.
- Identified requirements to tailor IT solutions effectively, keeping all project budgets under the $5,000 mark.
- Provided critical maintenance and technical support for IT systems, reducing downtime.
- Collaborated with Quality Assurance engineers to ensure comprehensive testing coverage, significantly reducing post-release bugs.

JUNIOR PROGRAMMER 09/2020 to 02/2021
Object Profile (IT Services Industry – Data Analysis), San Bernardo, Chile

- Developed and refined AFrame export libraries utilizing Smalltalk, leading to substantial improvements in AR applications and data handling.
- Enhanced and optimized libraries for exporting AR content, improving visualization tools and interactive data displays in augmented reality settings.
- Created and deployed analytical control panels and reports tailored to specific requirements.
- Tailored Roassal3Export libraries to integrate with web technologies like HTML, JSON, and JavaScript.
- Analyzed user interactions with graphical interfaces to optimize UI/UX designs.
- Conducted detailed programming studies using Smalltalk integrated with web technologies, increasing the accuracy and usability of data analysis tools
- Managed updates to software systems, ensuring alignment with the latest tech standards.

EDUCATION

Algonquin College, Canada
Computer Engineering Technology – Computing Science, Honours

DUOC UC, Chile
Computer Programming Analyst

Universidad Tecnológica de Chile INACAP, Chile
Surveying Engineering

CERTIFICATIONS COURSES

- Full Stack Developer (Helsinki University, 2024)
- Electronics Foundation: Fundamentals (LinkedIn, 2024)
- Master in Python: Learn Python 3, Django, Flask, and Tkinter (Udemy, 2021)
- Software Programming Certificate (DUOC, 2021)
- Data Model Analysis and Development Certificate (DUOC, 2021)
- Information Requirements Analysis and Planning Certificate (DUOC, 2021)
- Software Quality Certificate (DUOC, 2021)

TECHNICAL SKILLS TOOLS

Python | C# | Java | C | C++ | R | JavaScript | PHP | .Net | Azure | Jenkins | HTML | CSS | Ajax | SQL & NoSQL | Flutter | Dart | Cloud Databases (Firebase) | Golang | PLSQL | Django | Flask | AFrame | Roassall | TKinter | jQuery | Bootstrap | Angular | React | Version Control (Git, GitHub) | Oracle | MySQL | Oracle SQL Developer | Oracle Data Modeler | VMWare Workstation | Oracle VirtualBox | Eclipse | Apache NetBeans | MySQL Workbench | Visual Studio | Core | Pharo | Excel | Microsoft Word | Outlook | PowerPoint | Project | Prezi | Agile Methodologies (SCRUM) | Software Testing and Validation | Interface Design and Implementation | Code and Quality Standards | Windows | Linux | MacOS

WEBSITES, PORTFOLIOS

- http://www.marcosastudillo.com
- https://github.com/ThisIsAntonio