Joan Francesc Pedro Garcia

DevOps Engineer

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Relevant experience

MPM Software   *Sep. 2021 - Sep. 2023*

Software Developer   *ASP.NET*

- Spearheaded the development and maintenance of sophisticated web applications for insurance companies using C# and the .NET Framework. Ensured the delivery of high-quality solutions that precisely aligned with client requirements, resulting in enhanced customer satisfaction and project success.
- Collaborated with the DevOps team to overhaul the Jenkins infrastructure, significantly enhancing the company's CI/CD Pipeline. Implemented cutting-edge tools like Sonarqube to elevate the overall quality of developers' work. Streamlined testing processes in Jenkins through automation, ensuring the correctness and efficiency of the codebase.
- Played a pivotal role in identifying and resolving complex technical issues, demonstrating a problem-solving mindset and a dedication to continuous improvement.
- Collaborated closely with stakeholders, including project managers and clients, to understand and translate business requirements into technical solutions, fostering effective communication and ensuring project success.

Projects

socunzombi.github.io

- Developed a comprehensive virtual portfolio using a combination of HTML, CSS and JS.
- Utilized the Forty template for an organized and visually appealing layout.

Docker Nginx

- Developed a fully Docker container from scratch using Dockerfile and Alpine Image as base, with an script that builds and runs automatically the code locally.

Certificates

Udemy - DevOps with Docker, Jenkins, Kubernetes, git, GitFlow CI and CD   *jan. 2024*

Udemy - C programming bootcamp   *dec. 2023*

Udemy - Docker for the Absolute Beginner   *apr. 2023*

Udemy - Kubernetes for the Absolute Beginners   *in progress*

Udemy - Ansible for the Absolute Beginners   *in progress*

Skills

Programming languages:

- C, C++, C#, Python, Java, SQL, Bash, Latex.

Tools:

- Docker, Kubernetes, Ansible, Slack, Jenkins, Git, Github, Amazon AWS, Linux OS, VS Code, Alacritty.

Hard Skills:

- CI/CD Pipelines, IaC, Containerization and Orchestration, Scripting and Automation, Version Control Systems, Database Management.

Soft Skills:

- Collaboration and Teamwork, Effective Communication, Problem-Solving and Critical Thinking, Adaptability and Flexibility.

Education

Universitat de Lleida   graduation date: Jun. 2022
Bachelor's Degree in Digital Interaction and Computing Techniques
Main programming languages used: C, C++, Java, Python, SQL, assembly.
Main technologies learned: Linux, Docker, Kubernetes,
                           use of IDEs and code editors, System administration.

INS Joan Mercader   graduation date: Jun. 2019
Technological Baccalaureate
Studies that allowed me to enter university.
Focused on technology, engineering, and science.

Languages

- Catalan (native).
- Spanish (native).
- English (Cambridge B2).