



Agner Villa Fabrega

Colombia +57 3217212918 agnerfabrega@gmail.com Portfolio

Profiles	<a href="#">AgnerVillaFabrega</a>	<a href="#">agner-villa-fabrega-a27044222</a>
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Summary	Hey i'm Agner, <b>systems engineer</b> with hands-on experience in software application development and thorough documentation processes. Known for quickly adapting to new challenges, solving complex problems, and applying knowledge effectively to drive results. <i>My professional journey reflects a commitment to continuous improvement</i> , and i am eager to leverage my expertise to contribute meaningfully to innovative projects and team success.
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Experience	<div><div>Tiresia SAS</div><div>DevOps Engenieer</div><div> <a href="#">Tiresia S.A.S</a></div><div><ul style="list-style-type: none"><li>Led and orchestrated the seamless deployment of Angular and NestJS web applications in Oracle OCI cloud environments, optimizing performance and ensuring high availability for Tiresia SAS's digital infrastructure.</li><li>Designed and implemented a <b>cost-effective and scalable cloud infrastructure in Oracle OCI</b> for Tiresia SAS, focusing on manual provisioning of services and automation of tasks to optimize performance and resource utilization.</li><li>Orchestrated containerized environments with <b>Docker/Docker compose</b>, optimizing resource allocation and ensuring seamless application deployments for Tiresia SAS's critical systems.</li><li>Improved deployment efficiency by implementing <b>Jenkins</b>-based <b>CI/CD pipelines</b> at Tiresia SAS, decrease in deployment errors and acceleration of software releases.</li><li>Automated <b>server administration tasks</b> with <b>Ansible</b>, improving system reliability and operational efficiency.</li><li>Coordinated and executed <b>daily production deployments</b> of Tiresia SAS's <b>electronic invoicing module</b>, ensuring seamless compliance with regulations and maintaining system stability throughout the process.</li><li>Implemented custom Prometheus and Grafana dashboards at Tiresia SAS, allowing for real-time monitoring of system health and enabling proactive identification and resolution of service failures to ensure uninterrupted customer experience.</li></ul></div></div> <div><div>Global EDB</div><div>Cloud Engenieer</div><div> <a href="#">Goblal EDB</a></div><div><ul style="list-style-type: none"><li>Managed <b>multi-cloud environments (AWS &amp; Azure)</b> for enterprise clients, performing tasks via CLI and cloud consoles.</li><li>Implemented advanced monitoring solutions for <b>DynamoDB</b> and <b>PostgreSQL</b> databases, optimizing performance and ensuring seamless scalability for the cloud infrastructure.</li><li>Automated daily cloud service reporting using <b>Python scripts</b> and implemented security compliance measures across various cloud-based applications, ensuring data integrity and confidentiality</li></ul></div></div> <div><div>Unidax</div><div>Software Developer</div><div> <a href="#">Unidax</a></div><div><ul style="list-style-type: none"><li>Designed and implemented a <i>custom production system at Unidax</i>, integrating IoT sensors and data analytics to automate soil, water, and foliar analysis, resulting in increased efficiency and accuracy in data collection.</li><li>Integrated <b>real-time sensor data processing</b>, increasing accuracy and reducing human errors.</li><li>Created a algorithm that analyzed agricultural data to provide personalized crop recommendations, resulting in improved yields and cost savings for Unidax.</li><li>Developed and implemented a real-time trading application using <b>Flutter and Firebase technologies</b>, following <b>Scrum methodology</b> to ensure timely delivery and alignment with Unidax's business objectives.</li></ul></div></div>	<div>Nov 2023 - Oct 2024</div> <div>Remote</div> <div>Feb 2022 - Oct 2023</div> <div>Remote</div> <div>Ago 2023 - Dic 2023</div> <div>Remote</div>
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Education	<div>Universidad Popular del Cesar</div> <div>Valledupar, CO</div>	<div>April 2019 to Jun 2024</div> <div>Systems Engineering</div>
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Projects	<div><div>DevOps Labs</div><div>Project where I document my practices, labs, and automation scripts for different cloud and local environments.</div><div> <a href="#">DevOps Labs</a></div><div>DevOPs, CI/CD, Labs, AWS, Cloud computing, OCI, Python, SRE</div></div> <div><div>Nest Microservices</div><div>E-commerce platform with five NestJS microservices orchestrated via Docker Compose and NATS for asynchronous messaging, featuring JWT authentication, per-service databases (MongoDB, SQLite, and PostgreSQL), and Stripe payment integration.</div><div> <a href="#">E-commerce Microservices</a></div><div>NestJs, Docker, Docker-compose, Nats, Microservices, Gateway, StripeCLI, Webhook, Auth JWT, Prisma, MongoDB, PostgresSQL, SQL-lite, GCP, K8s, Helm, GKE</div></div> <div><div>Legado Villa</div><div>Family carpentry platform with NestJS backend (Prisma, PostgreSQL, AWS S3) and React/Vite/Tailwind frontend managed with Bun.</div><div> <a href="#">Legado Villa</a></div><div>Docker, NestJS, React, Vite, Tailwind CSS, AWS CLI, AWS S3, Prisma, PostgreSQL, Auth JWT, Docker-compose</div></div>	<div>Aug 2024 - Present</div> <div>April 2025</div>
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References	<div><div>Diana Carolina Rueda</div><div>Project Director at TIRESIA SOLUCIONES TECNOLÓGICAS S.A.S</div><div> <a href="#">Linkedin</a></div></div> <div><div>Jose David Carrillo Villazon</div><div>Software Development at NTT DATA</div><div> <a href="https://www.linkedin.com/in/jose-david-carrillo-villazon-392691206/">https://www.linkedin.com/in/jose-david-carrillo-villazon-392691206/</a></div></div>
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Technical Skills	<div><div>Backend &amp; API Development</div><div><div><div><div>●</div><div>●</div><div>●</div><div>○</div><div>○</div></div></div><div>NestJS, RESTful APIs &amp; Microservices, Authentication &amp; Authorization (JWT), Modular architecture, Dependency injection, API documentation, WebSockets</div></div><div><div>Databases &amp; Storage</div><div><div><div><div>●</div><div>●</div><div>○</div><div>○</div><div>○</div></div></div><div>MongoDB, PostgreSQL, MySQL, Firebase</div></div></div></div>	<div><div>Cloud &amp; DevOps</div><div><div><div><div>●</div><div>●</div><div>●</div><div>●</div><div>○</div></div></div><div>Oracle OCI, AWS, Terraform, Docker, CI/CD Pipelines (Jenkins &amp; GitHub Actions), Prometheus &amp; Grafana, Docker compose</div></div><div><div>Agile &amp; Development Tools</div><div><div><div><div>●</div><div>●</div><div>●</div><div>○</div><div>○</div></div></div><div>Scrum &amp; Agile Methodologies, Git, GitHub, Jira</div></div></div></div>
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Certifications	<div><div>Google Cloud Computing Foundations Certificate</div><div>Google Cloud</div><div> <a href="#">GCP Fundation certificate</a></div></div> <div><div>LFS162: Introduction to DevOps and Site Reliability Engineering</div><div>The Linux Foundation</div><div> <a href="#">LFS162 Certificate</a></div></div> <div><div>DevOps Integral Docker, Kubernetes, Jenkins, GitFlow CI CD</div><div>Udemy</div><div> <a href="#">DevOps Certificate</a></div></div> <div><div>Curso Práctico de Arquitectura Backend</div><div>Platzi</div><div> <a href="#">Aqitectura Backend certificate</a></div></div>	<div>September 2023</div> <div>April 2025</div> <div>December</div> <div>November 2024</div>
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Languages	<div>Spanish</div> <div><div><div>●</div><div>●</div><div>●</div><div>●</div><div>●</div></div></div>	<div>English</div> <div><div><div>●</div><div>●</div><div>●</div><div>○</div><div>○</div></div></div>
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