

Manuel Nicolas Matute

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Summary

Software Developer with 4 years of experience delivering Full-Stack solutions, software architecture, and DevOps practices within the telecommunications and energy sectors. Specialized in microservices design, CI/CD pipeline integration, and cloud deployment orchestration using Kubernetes.

Website

www.nmatute.com

Experience

CGI

Software Developer Consultant | 01/2025 - Present

- Engineered and maintained software components for distributed systems and microservices using Go, Java, TypeScript, and Python.
- Deployed and orchestrated cloud applications on Kubernetes clusters using continuous delivery tools such as ArgoCD and Jenkins.
- Participated across the full software development lifecycle within Agile frameworks, delivering features in cloud environments.

Daugherty Business Solutions

Software Developer Consultant | 03/2024 - 01/2025

- Developed polyglot software solutions utilizing Go, Java, TypeScript, JavaScript, Python, and Bash.
- Implemented CI/CD pipelines using Jenkins, ArgoCD, and Kargo deployed on Kubernetes clusters.
- Managed data persistence across relational and non-relational database systems (Oracle, PostgreSQL, MongoDB).
- Authored technical architecture specifications for both monolithic and microservice-based systems.

STT Group / Indra

Software Developer | 11/2022 - 03/2024

- Maintained and modernized enterprise SOAP and REST web services using Java (versions 6, 7, and 8), Spring Boot, Jakarta EE, and Oracle databases.
- Refactored legacy applications to ensure seamless execution on newly provisioned Oracle Cloud Infrastructure (OCI) environments.
- Optimized and maintained Blue Prism RPA bots for automated mass payment processing, report generation, and desktop application integration.

Colegio Real de Panama

Computer Science Teacher | 02/2022 - 11/2022

- Managed computer lab infrastructure (30 Windows workstations) and interactive Arduino hardware kits.
- Taught computer science fundamentals and programming logic for elementary education levels.
- Handled technical support ticket resolution for users and equipment across the educational environment.

PanamaSTEM Education Inc

Programming Instructor / Content Creator | 01/2020 - 01/2021

- Designed and delivered technical curricula in C, Python, and applied robotics using LEGO Mindstorms.
- Executed cold email prospecting campaigns to acquire leads and schedule sales meetings.
- Provided end-to-end technical support and troubleshooting for organizational infrastructure.

Education

Universidad Interamericana de Panama (UIP)

Bachelor's Degree in Software Development | 01/2020 - Present

Languages

Spanish, English

Tech Stack

Java, Maven, XML, JSON, Argo Workflows, Argo CD, Kargo, Javascript, Typescript, SQL, OracleDB, MongoDB, React.js, Redux, Golang, Linux, Unix, Git, Tortoise SVN, Github, Bitbucket, Fast Learning, SOAP, REST, GraphQL, gRPC, Springboot, Postman, Docker, Kubernetes, Svelte, SvelteKit.