Valentina Galeano Castro

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EDUCATION

Industrial University of Santander   Bucaramanga, Colombia GMT-5
Bachelor's Degree in Software Engineering   *January 2019 – Present*

Google Cybersecurity Professional Certificate   Colnodo, Remote
Google Career Certificates   *October 2023 – April 2024*

The Complete Web Development Bootcamp   Udemy Certificates
Dr. Angela Yu, Developer and Lead Instructor   *May 2022 – September 2022*

EXPERIENCE

Full Stack Developer   January 2021 – February 2023
(DSI) Information Systems Division, Industrial University of Santander   *Full-Time*
- Developed backend and frontend modules for a large-scale project using SCRUM.
- Implemented interactive tables and user interfaces with Angular CLI, Angular Material, and Angular 17; utilized the MVC pattern with Java, SpringBoot, and Rest APIs.
- Collaborated with the team to ensure timely delivery and product quality using test-driven development.

Freelance Software Engineer   April 2023 – Present
Various SMEs and Clients   *Freelance*
- Developed a REST API using FastAPI and PostgreSQL to manage data from learning management systems.
- Designed software architecture and intuitive interfaces using React, Strapi, MySQL, Firebase, and Next.js.
- Built a full-stack web application using NodeJS, React, PostgreSQL, and Docker to analyze GitHub data.

PROJECTS

Grivp Data System | *JavaScript, Node.js, Express, React, MySQL, Nginx, Docker*   February 2024 – July 2024
- Developed a full-stack web application with Node.js serving a REST API, and React as the frontend.
- Implemented JWT and Cookies for secure authentication and authorization.
- Visualized data collected by Raspberry Pi routines, stored on a local server, accessible via a web platform deployed on Nginx.

Cloud-Based Inventory Management Platform   June 2021 – Present
- Developed a scalable platform for real-time stock tracking across multiple locations using .NET Core.
- Implemented Azure Functions for efficient asynchronous task processing and Azure SQL Database for secure data storage.
- Collaborated with stakeholders to gather requirements and ensure alignment with business goals.

CI/CD Pipeline for Logistics Product   March 2021 – October 2023
- Built and maintained a CI/CD pipeline for a logistics product using Jenkins and GitHub Actions, automating the build, testing, and deployment processes.
- Containerized the application using Docker and deployed it on AWS, leveraging Terraform for scalable and reliable infrastructure management.
- Facilitated cross-functional team collaboration to integrate continuous feedback, enhancing the product's efficiency and reliability. Led sprint reviews and retrospectives

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Ruby, .NET
Frameworks: React, Node.js, Next.js, Express, Flask, JUnit, WordPress, Material-UI, Angular, FastAPI, .NET Core
Developer Tools & Libraries: Git, Docker, Kubernetes, Travis CI, Google Cloud Platform, VS Code, TensorFlow, PyCharm, IntelliJ, Eclipse, Pandas, NumPy, Matplotlib, AWS, Terraform, Jenkins, Azure.
Languages: English, Spanish.