Pablo Miguel Villamizar Sanchez

DevOps Engineer

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Backend Developer with +5 years of experience with and +3 year of experience as junior AWS architect, involved in the entire project development lifecycle. My expertise includes facilitating agile and effective solutions to customer requirements in technologies such as **NestJs, JavaScript, Docker, GraphQL, TypeORM, NX** and scalable architecture on **AWS**. I like to innovate my skills in designing and building software solutions so I am constantly learning about the latest and best practices for design patterns like microservices, monorepo architectures, and CI/CD procedures. I enjoy working in teams, my goal is to contribute in the design of world-scale solutions, together with dynamic and high-performance teams. I would like to improve and learn more on topics such as SRE, Big Data, Machine Learning, and Cyber Security.

EXPERIENCE

The Centria Group, DevOps Lead — *December, 2020 - Present*

- I am working on designing CI/CD procedures that deliver production and development environments successfully and quickly improving the development lifecycle process.
- I planned with the other team leaders the stack to work on the different projects, making proposals about frameworks, pattern designs and cloud solutions that increase the efficiency of the development team at the moment of writing code and developing features, improving productivity and delivering deadlines.
- I optimize cloud architectures and projects availability by designing scalable architectures in AWS taking care about security and availability.
- I did an optimization of one of our architectures reducing costs by 50% by reducing traffic through the Nat Gateways and implementing VPC Endpoints to manage internal traffic between AWS Services.
- **Tech Stack**: DevOps, Terraform, AWS, Docker, Github Actions, NestJs, ExpressJS, TypeORM, Mongoose, PostgreSQL, MongoDB, Git, NX, CI/CD, Kubernetes, Grafana, SRE.

Reign, DevOps Engineer — *October 2021 - December, 2022*

- As a member of the team I increased the performance of the procedure to manage user sessions by proposing a queuing process using SNS, SQS and a microservice in charge of processing them, which managed to reduce the load on the redis database by about 80%, which represented an improvement in the user experience.
- I was assigned as the leader of the team I was working on, as a leader I was able to successfully manage a team of 4 developers and increased the successful completion of deadlines by 25% by performing a good distribution of tasks depending on the capabilities of the team members, modularization of the same and accurate estimates, improving deadlines delivering and team productivity.
- I worked with the AWS Architect of my team in order to optimize the CI/CD procedures and reduce bitbucket pipeline time execution using shared dependencies between pipeline steps and running steps in parallel. These changes represented an improvement in the deployment time of the different development environments.
- **Tech Stack:** NestJs, Typescript, Microservices, Terraform, AWS, NX, Bitbucket Pipelines, Git, CI/CD.

Walls Team, DevOps Engineer — *November 2020 - October, 2021*

- I supported the definition of stacks, procedures and technologies for several projects of different clients of the agency in upwork.
- I participated as a backend developer making improvements in the code base and proposing code optimizations that allowed a more scalable and maintainable development.
- **Tech Stack:** NestJs, Typescript, AWS, SocketIO, PostgreSQL, TypeORM, ReactJs, AWS, Git,.

Seo Contenidos, FullStack Developer — *April 2020 - November, 2020*

- I worked as a fullstack developer for a project dedicated to a job board for a cleaning company in Spain.
- As a fullstack developer I was in charge of the complete development of the platform, proposing solutions to the various requirements and problems that were encountered in the day to day.
- With my work I managed to speed up the delivery times in the different development tasks to a large extent causing a positive impact on the project and thus achieving greater responsibility and leadership within the development team.
- **Tech Stack:** ReactJS, Symphony, Javascript, PHP, SQL, Material UI, Git..

Solución Empresarial 21, FullStack Developer — *August 2018 - November, 2020*

- As a member of the development team of Solución Empresarial 21 I found myself working in an area of the company called capacitese 21 focused on making an online English learning platform.
- As a fullstack developer I was in charge of developing requirements for agile and responsive solutions.

- I was in charge of the first stage of the project doing both frontend and backend development making it easier to start the project.
- I performed maintenance to various websites carried by the company on shared servers and managed with wordpress.
  Tech Stack: Wordpress, HTML, CSS, Javascript, PHP, MVC, SQL.

SKILLS
Programming Languages: Advanced: Javascript, Typescript, Terraform; Intermediate: bash; Basic: Python.
Frameworks: Advanced: NestJs, ExpressJs.
Databases: Advanced: Postgresql, Mysql, MongoDB, DynamoDB; Basic: Redis
Tools: Git, Jira, Confluence, Slack, Notion, Github, Github Actions, Bitbucket, Bitbucket Pipelines, AWS.
Languages: Advanced: English; Native: Spanish.

EDUCATION
Instituto Universitario Politecnico Santiago Mariño – *Systems Engineering*

Udemy – *More than Certified in Terraform, July 2022*

Platzi – *Infrastructure as Code, July 2022*
Udemy – *Docker Mastery: with kubernetes + Swarm from Docker Captain, April 2022*
Udemy – *AWS Lambda and the serverless framework - hands on learning, April 2022*
Udemy – *Kubernetes certified application developer (CKAD) with tests, March 2022*
Udemy – *Kubernetes for the absolute beginners - hands - on, January 2022*