

MATEO ALEXANDER HENAO CARDONA

PROFILE

I am a Systems Engineer with a degree from the Universidad Católica de Oriente, Colombia, and more than 5 years of experience developing high-impact applications in Colombia and the United States. I have a passion for technology and a strong dedication to my work. My expertise lies in using frameworks such as Spring and languages such as Java, Python and Typescript within the Angular framework and high technical skill in AWS cloud to develop robust and scalable applications. I have worked on several high-impact projects, delivering software solutions that meet or exceed client expectations. Throughout my career, I have honed my skills in project management, teamwork, and problem-solving. I am always eager to learn and embrace new challenges, and I thrive in dynamic and fast-paced environments.

EXPERIENCE

Ceiba Software House, Medellín – *Java Developer*

MAY 2018 – DEC 2018

- Development of applications where people and companies had the possibility to make social security payments through this platform (ARUS).
- Implement unit tests, integration tests and automated tests.
- Built first phase of a new module using Angular 2+
- Built some AWS Lambdas in Python and JavaScript

Tools/Technologies: Java, Python, Angular 2+, Junit, drools, Oracle, PostgreSQL, AWS Lambda, AWS S3.

Talos Digital, Medellín – *Full Stack Developer*

MAY 2019 – AUG 2020

- Full stack developer in online sales platforms such as Corona, Border States Electric, Barnes & Nobles, and Carhartt.
- As a full stack developer, I played a key role in the successful completion of two B2C projects from inception to delivery. Through my expertise in front-end and back-end development, I helped to build high-quality platforms that met the needs of the clients and delivered a positive impact to their businesses. I collaborated closely with the project manager and other team members to ensure that the projects were completed on time, within budget, and to the satisfaction of the clients.
- Built frontend pages from scratch to delivery mainly in Angular 8+, Typescript, preprocessor (LESS and SCSS).

Tools / Technologies: Angular, jQuery, CSS (Using pre-processors such as LESS and SCSS), SQL (PostgreSQL and MySQL), Python, Java, Spring framework.

Sophos Solutions, Medellín – *Senior Full Stack Developer*

OCT 2020, – DEC 2021

- Design, implementation, and consumption of APIs using Java and Spring, connecting services, synchronizing data among services, and combining services to create new end consumer experiences in Bancolombia.

- As a developer, I used Angular 8+ to create a user interface of high quality, following industry best practices and focusing on user-friendliness, using Jasmine and Karma as the unit testing tools.
- Integrated cloud services using AWS, Terraform, and GitLab Pipelines. Developed and implemented roles, Launch Configurations for EC2 services, managed userdata scripts, orchestrated Docker containers, and configured ECS services. Proficiently utilized AWS S3, AWS Lambda (Python and Javascript), CloudFormation, EC2 AMIs, Secrets Manager, Parameter Store, and other key cloud technologies
- As an experienced software developer, I have helped mentor and train new team members and interns to gain valuable experience and skills in software development. Through my expertise in pair programming, I have provided guidance and support to ensure that new team members are able to contribute effectively to the projects they work on. I have also helped to create a positive and inclusive team environment that encourages collaboration and continuous learning.

Tools / Technologies: Angular, CSS (Using pre-processors such as LESS and SCSS), SQL (PostgreSQL and MySQL), Python, Java, Spring framework, AWS (Lambda, S3, secrets manager, parameter store, CloudWatch, ECS, ECR, EC2 (configuring AMIs also), cloudformation, route53, IAM, SNS).

Globant, Remote – *Sr Backend Developer*

JAN 2022 – present

- Design and implement multiple AWS lambdas in python helping to improve and reduce time in tasks like: Turn on / shutdown multiple environments, Disable or enabling regions for a specific environment, fix historical phantom references in MongoDB and more.
- Successfully led a data layer migration project, upgrading from one version of Morphia to another, resulting in improved maintenance of the application and increased efficiency in running queries on MongoDB.
- Maintain a tool responsible to send notifications through Email (smtp) and push notifications (APNS and GCM).
- Optimized microservices processes, resulting in improved data integrity and a significant decrease in system failures (fixing memory leak issues), through the implementation of new monitoring and error-handling mechanisms.
- Successfully completed Java projects using Agile methodology, delivering high-quality software on time and within budget, while collaborating effectively with cross-functional teams.
- Migration of AL1 (Amazon Linux 1) to AL2 (Amazon Linux 2) for services using EC2, also configuring CloudWatch Agent, Telegraf (metrics), HAProxy (for services needing websockets connection), installing and configuring CrowStrike (Antivirus).
- Monitoring and configuration of services in Grafana and New Relic dashboards.
- Create and maintain infrastructure as a code using terraform (Configuring roles, services in ECS, EC2, IAM roles and more).
- Maintain and create some features to a frontend tool called Courier in Angular 8+ using preprocessors and unit testing tools like Jasmine and Karma.

Tools/Technologies: Java, Python, Spring Framework, Angular 8+, CSS (using preprocessors), SQL(PostgreSQL), CQL (Cassandra), NoSQL (MongoDB), Redis, Linux, Terraform, AWS (EC2, ECR, ECS, Lambda, S3, Cloudformation, Route53, Cloudwatch, IAM, SNS, API Gateway and more).

EDUCATION

Universidad Católica de Oriente – *Systems Engineer*

JAN 2014 – DEC 2018, Rionegro, Antioquia

Career equivalent to Computer Science, with a focus on OOP, Design Patterns, Software Development, and AI.

SKILLS

- ***** Python
- ***** Java
- ***** SQL (PostgreSQL and MySQL)
- ***** AWS Cloud
- ***** NoSQL (MongoDB)
- ***** Angular
- ***** CSS
- ***** Git

- ***** Terraform
- * Azure
- *** Docker
- ***** Spring Framework