

Diego Alonso Alvarez Arcila

Full Stack Developer | Software Engineer | AWS Certified

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PROFESSIONAL PROFILE

As a passionate and results-driven Full Stack Developer, I specialize in both backend and frontend development, with a focus on creating robust and scalable solutions. My goal is to contribute meaningfully to a company's success while continuously advancing my technical skills and personal growth. I thrive on tackling complex challenges and I am dedicated to delivering high-quality web and software solutions. Known for my curiosity, focus, and determination, I consistently meet objectives and embrace new learning opportunities. Committed to staying at the cutting edge of technology, I bring a strong drive to innovate and stay ahead of industry trends, ensuring lasting value in every project I undertake.

EXPERIENCE

Sourcetoad, Software Engineer

July 2023 - October 2024

Sourcetoad specializes in providing software solutions for cruise companies.

- Led the development of an AI-powered sentiment analysis tool for cruise surveys, proposing the solution and implementing it from concept to completion. Integrated the tool into project workflows, providing actionable insights that enhanced decision-making processes.
- Contributed to the development of award-winning features for the Cruise Director project, which won the Seatrade Cruise Product of the Year.
- Led the development of a comprehensive data import feature, independently importing large CSV datasets into PostgreSQL databases. Integrated this solution with existing data import processes, ensuring data integrity and efficient processing.
- Contributed to the core of the Cruise Director project by developing and maintaining API endpoints based on project requirements.
- Built and optimized new pages and dashboards for project

FORMATION

Politécnico Grancolombiano, Software Engineering

2022 - 2024

Universidad de Antioquia, Telecommunications Engineering

2017 - 2022

SKILLS

Programming Languages:

JavaScript, TypeScript,
HTML, CSS, SASS, PHP,
Python, Java, Golang, C++,
C#.

Version Control Systems:

Git, GitLab, GitHub.

Frameworks and Libraries:

Node.js, Express.js,
Laravel, Yii2, Spring,
Spring Boot, Django,
FastAPI, Angular, React,
React Native, Vue, Ionic,
Android Studio, Hibernate,
Pandas.

Database Management:

MongoDB, MySQL,
PostgreSQL, SQL Server,

management, enhancing user experience and functionality.

- Actively implemented testing frameworks and CI/CD pipelines to maintain code quality and streamline deployment.
- Collaborated closely with cross-functional teams to achieve project milestones, focusing on scalable solutions.

Pragma, Full Stack Developer

September 2022 - July 2023

Pragma provides outsourcing services to banks, primarily focusing on fintech solutions.

- Led the migration of databases to AWS cloud infrastructure, ensuring smooth transitions and minimal downtime.
- Implemented automated Lambda functions, microservices, and reusable atomic components for various applications.
- Managed micro frontend development, focusing on scalability and modularity, while also handling SEO optimizations.
- Designed and maintained APIs for Bancolombia in an IBM environment using tools like API Connect, API Management, and MQ.
- Utilized AWS EKS, SpringBoot (Java), and Javascript in a Service-Oriented Architecture (SOA) to deliver high-performance solutions.

Talent.com, Full Stack Developer

July 2021 - September 2022

Talent.com is a global job posting company.

- Developed and refined frontend interfaces with a focus on improving user experience and interaction on newly launched site pages.
- Built new components and optimized backend queries, resulting in faster data handling and processing of large datasets.
- Maintained and enhanced the scraping engine, ensuring reliable and accurate data collection for business intelligence.

Talent.com, Programmer

November 2020 - July 2021

- Developed web scraping scripts using Javascript and PHP to extract data from multiple websites.
- Successfully manipulated spider bots via CSS selectors and jQuery, contributing to the automation and efficiency of data retrieval processes.

DynamoDB, RDS.

Cloud Platforms and Services:

AWS (S3, CloudFront, CloudTrail, IAM, Lambda, CloudWatch, API Gateway, EC2, EKS), [AWS Certified Cloud Practitioner](#), Azure DevOps Server.

Containerization and Orchestration:

Docker, Kubernetes.

Testing Tools:

Mocha, Jest, Vitest, Jasmine, Codeception.

API and Microservices:

Swagger, Serverless, Microservices Architecture, GraphQL.

Other Technical Skills:

JSON, XML, CI/CD, GitFlow, SOLID, Clean Code, Webpack, Serverless Architecture, Hexagonal Architecture, Reactive Programming, TDD, DDD, OOP, EOP, Cybersecurity Principles.

Soft Skills:

Problem-solving, Teamwork, Communication, Adaptability, Time Management, Critical Thinking.