Alfonso Hernández Uztáriz

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Summary

Experienced Software Engineer with 7+ years of experience in building high-availability distributed systems. Proven ability to lead and deliver complex software development projects.

- Led the technical merge of the Product Information Management (PIM) between Scalefast and ESW, resulting in a 40% time savings by avoiding parallel tasks.
- Designed and developed the architecture for decoupling the order creation flow, which is used by over 1 million weekly users.
- Programming applications with PHP, Python, Typescript, and large language models (LLMs).

Experience

Lead Software Engineer
Scalefast

Jan 2022 - Present (1 year 7 months)
- Led cross-functional technical teams to deliver projects across seven departments, both local and international, applying agile methodologies and offered mentorship to junior engineers.
- Improved product catalog ingestion by half through code refactoring following SOLID design principles, integration of GitLab CI/CD behavioral test pipelines, and efficient queue management using AWS Lambda.
- Monitored application performance in cloud using Datadog and Sentry to identify and resolve critical issues before impacting end users, leading to a 20% increase in overall system stability.
- Performed thorough code reviews within a team of five SWEs to ensure the quality of an event-driven, highly available platform built following DDD principles.

Software Partner
Agency Velocity

Dec 2022 - May 2023 (6 months)
- Built Python scripts and scraping tools on Linux to generate LLM-powered tools to automate customer acquisition, reducing customer discovery time by half.
-Automated the lead generation process and provided insights into customer behavior through data-driven processes showcased on live tools built with Typescript and React.js.

Software Engineer
Scalefast

Dec 2019 - Dec 2021 (2 years 1 month)
- Played a pivotal role in designing and implementing highly available e-commerce services that cater to over 2 million weekly active users.
- Created and managed RESTful APIs following the OpenAPI standard pattern, using Redis, ElasticSearch and Kibana, resulting in a scalable and reliable API infrastructure.

- Maintained and optimized large-scale web applications built with Laravel, Angular, and MySQL using Git and Docker for environment management across 9 microservices
- Transitioned a monolithic architecture to a microservices architecture using AWS, Docker, DDD, event-driven design and CQRS, reducing technical debt implementation time.

Full Stack Engineer
NATEEVO

May 2018 - Dec 2019 (1 year 8 months)
- Built web applications and custom plugins for CRMs and CMSs using PHP with Laravel, CSS, JavaScript with JQuery, and HTML, working with a team of 9 developers.
- Resolved availability, high-paced, and maintainability problems on web development projects of medium complexity by using agile practices and implementing algorithms and data structures, with an average project completion time of 4 weeks.

Full Stack Engineer
Novavision Group

Jan 2017 - May 2018 (1 year 5 months)
- Developed web applications, custom websites, third-party integrations, and reporting solutions using PHP, JavaScript, Sass, WordPress, and Microsoft SQL Server, delivering high-quality and scalable products.
- Conceptualized and built a Real Estate ICO project in 3 weeks with a team of 4 people, delivering on time and moving with the fast-paced blockchain market.

Education

IU International University of Applied Sciences
Bachelor of Applied Artificial Intelligence, Computer Software Engineering
2021 - 2023

Universidad Latina de Panamá
Bachelor of Engineering, Systems Engineering
2016 - 2018

Universidad Tecnológica del Centro (UNITEC)
Bachelor of Engineering, Systems Engineering
2015 - 2016

Skills

Linux • Large Language Models (LLM) • Python (Programming Language) • Continuous Integration and Continuous Delivery (CI/CD) • System Monitoring • Event Driven Programming • Git • Generative AI • Amazon Web Services (AWS) • Cloud Computing