

Jonatan Felipe Jimenez Valencia

Software Engineer | Startup | Full Stack Developer | AWS |
NodeJS

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Summary

As a software engineer with over 10 years of experience, I have developed significant skills in solving complex problems and handling simple use cases. I have proven myself to be an effective technical leader and have the initiative to adapt to new challenges. Whether working independently or in a team, I am methodical and logical in my approach. I value interaction with others and enjoy learning about their life experiences while sharing new knowledge. I have honed significant skills in solving complex problems or handling simple use cases, covering:

- Code implementation in NodeJS and Python.
- Code implementation in ReactJS and NextJS.
- The implementation of cloud infrastructure with AWS, Kubernetes, and Docker.
- Relational and non-relational databases.
- Technical and end-user documentation.

My experience working within the startup culture extends my competencies beyond coding. I bring a solid set of soft skills to the table, with considerable expertise in research, strategic planning, and team leadership. Regardless of the project landscape, I bring enthusiasm, creativity, and unwavering commitment, resulting in significant and lasting success.

Education

Institución Universitaria de Envigado	Bachelor's degree - Systems Engineer
January 2010 – September 2015	
Platzi	Advanced NodeJS, NextJS, PostgreSQL
2023	
LSI Vancouver, VGC Vancouver	Global English (advanced level language certificate)
January 2022 – January 2023	

Udemy

Terraform, Velero, AWS

2022

Udemy

Kubernetes DevOps, ReactJS, VueJS

January 2020

Work Experience

IT director at Disruptica LLC

October 2020 – January 2025

- Upgraded the company's AWS infrastructure from manual to IaC using Terraform, making the deployment process 90% faster.
- Designed and deployed secure, multi-environment cloud architectures on AWS using ECS Fargate, ACM, Secrets Manager, and Application Load Balancers to support multiple production workloads.
- Implemented CI/CD pipelines with GitHub Actions and Bitbucket Pipelines for containerized applications, integrating secret management, SSL, and domain routing to automate and harden deployments.
- Ensuring that the platform in AWS is available 99% of the time.
- Leading teams of three to seven people under the SCRUM methodology in consulting projects.
- Led cloud modernization efforts by migrating legacy systems from EKS to ECS Fargate, consolidating resources and applying cost optimization strategies to reduce operational complexity.
- Directing and developing projects to adjust the internal infrastructure to the cybersecurity framework.
- Architected and developed a geolocation solution, integrating diverse platforms and data sources to improve accessibility analysis across some Latin American cities.
- Developed an AI-powered assistant that streamlined customer tasks, achieving a 90% improvement in task completion speed compared to traditional methods.
- Implement DevOps for deployment of internal applications.
- Investigate open-source projects for the adaptation of the company's core products or services.

Technology stack: NodeJs, TypeScript, Python, ReactJS, NextJS, Django CMS, PostgreSQL, MongoDB, Keycloak, Terraform, Kubernetes, Docker, AWS, Jenkins.

Lead Developer at Disruptica LLC
January 2018 – September 2020

- Developed features in a legal audience transcription product connected with artificial intelligence, which saved 70% of the time compared to human transcription.
- Developed a prototype of a platform to enable video calls.
- Researched and developed a Kubernetes infrastructure, which supports a web applications ecosystem of the company.
- Developed a Shopify store to automate the process of product sales, increasing customer revenue by \$5000 per year.
- Developed a website and API Rest to manage the vaccination records of the Ministry of Health (Honduras) in a pilot phase.

Technology stack: NodeJs, TypeScript, MongoDB, KeystoneJS, Kubernetes, Shopify

IT department head at Grupo San Germán
August 2016 – December 2017

- Managed the IT department.
- Created software for the daily flight registration process, reducing manual process time by 40%.

Technology stack: NodeJs, MongoDB, KeystoneJS.

Sinapsis Innovation
November 2013 – August 2016

- Managed seven sites in the MIF CMS in DotNetNuke. Intermediary between content managers and software development companies.
- Updated the version of DotNetNuke and the content of the main MIF site as technical director, making the site 10% faster and with a better user experience.
- Changed non-canonical URLs to canonical URLs, making them human-friendly.

Technology stack: C#, DNN, HTML, CSS, Bootstrap, JavaScript, SQL Server

Skills and Competencies Summary

- Cloud infrastructure: AWS, Kubernetes, Docker, Terraform, Velero.
- CI/CD: Jenkins configuration and integration.
- Programming languages: Nodejs, Python, C#, JavaScript (Vanillajs, ReactJs, NextJs), Java.
- Databases: SQL, Postgres, MongoDB, SQL Server, My SQL.
- CMS: KeystoneJS, DNN.
- AWS: API Gateway, Lamda functions, elastic beanstalk, EKS.
- Web Development: NextJS, HTML, CSS, Bootstrap.
- Version Control: GitHub.
- Operating Systems: Linux.
- Agile Methodologies: SCRUM.
- Languages: Spanish (first language), English (fluent).
- Leadership and Management: Demonstrated leadership as an IT Director and Lead Developer, managing teams and projects effectively.
- Initiative and Adaptability: Proven ability to take initiative, adapt to new challenges, and drive projects forward.
- Teamwork and Collaboration: Skilled in leading SCRUM teams and collaborating with colleagues across roles. Effective in fostering communication and cooperation with non-technical people/departments, promoting seamless integration across the organization.