Alfredo Suárez Romero

Software Engineer Puebla, México

Extracto

Software Engineer • AI & ML Developer
Puebla, Mexico

I am a **Software Engineer specialized in Artificial Intelligence, Machine Learning, Agentic AI, distributed systems, and microservices**, with strong senior-level experience in backend, frontend, and observability for mission-critical environments.

After 16 years as a Java/JavaScript engineer, my profile has evolved into a **Software Engineer with broad architectural insight**, covering system design, automation, and intelligent tooling across multiple technologies.

I combine **deep engineering expertise** with hands-on **AI and ML development**, delivering solutions powered by LLMs, NLP, embeddings, predictive models, and agentic workflows.

Contactar

2481561567 (Mobile)
alfred0823@hotmail.com

www.linkedin.com/in/sibokdev
(LinkedIn)
www.nearshorecoders.com
(Company)

Aptitudes principales

Software engineering

AI/ML

Generative AI

Microservices

Languages

Español (Native or Bilingual)
Ingles (Full Professional)

Certifications

EF SET English certificate (C1
Advanced)
Scrum Master Certified Expert
Epic Bootcamp: Animation
Azure AI fundamentals

Experiencia

Kunai – Observability
Engineer / SRE

May 2024 – Present |
Mexico

As part of an international
engineering team, I am
responsible for delivering
enterprise-grade
observability across all
production applications.

Key Responsibilities

Full implementation of
OpenTelemetry (manual
and auto-instrumentation).

Optimization of dashboards
and insights using Splunk,
New Relic, and Grafana.

Use of Prometheus, Loki,
and Tempo for metrics,
logs, and distributed
tracing.

Development of ML-
powered observability
tools, including:

Log clustering to detect
anomaly patterns

Early failure prediction
using linear regression
models

NLP + embeddings for automated log interpretation

Creation of Agentic AI workflows using:

LangChain, LangGraph, OpenAI, MCP protocol

Automated log analysis

Intelligent incident explanation & resolution suggestions

Test automation using:

Playwright + Cucumber

MCP agents that auto-generate feature files and Python code

Development of internal support chatbots (Python, OpenAI, NLP, embeddings) integrated into Slack, supporting:

Log search

Troubleshooting

Incident explanation

Self-service technical support

 AI & Machine Learning Experience
Practical ML/AI applications

Recommendation systems (jobs ↔ candidates) using:

Embeddings, NLP, clustering

RAG-based chatbots for:

Technical support

Customer service

Internal dev assistance

WhatsApp and Slack integrations

Agentic AI development with:

LangChain, LangGraph, MCP

Multi-step autonomous decision systems

ML UI development with:

Streamlit, Gradio, Dash, NiceGUI

Predictive models with:

Linear regression

Clustering

Statistical modeling (Pandas + Scikit-learn)

Full model telemetry and evaluation using Langfuse

WorldLink México

Java Software Engineer septiembre de 2023 -
marzo de 2024 (7 meses) México

- Scrum daily meetings
- Planning and design of microservices migration
- Java Microservices coding with Spring Boot 2.7 – 3.0 and Java 6-8-11
- Integration of technologies using Spring Cloud
- Write Test on Mockito and JUnit
- Testcontainer implementations
- Spring gateway, resilence4j, Circuit breaker
- Docker build and deployment
- Kubernetes deployments and issues solving
- Production issues solving
- Implementing GitHubActions

CodersLink Talent Full Stack Engineer enero de 2021
- septiembre de 2023 (2 años 9 meses) México

Currently working as a Full Stack developer for USA based enterprises
creating high scalable web apps with NodeJS, Angular and AWS.

Working with a remote international team.

Capgemini
Fullstack Angular-Java Developer Sr
febrero de 2019 - diciembre de 2020 (1 año 11 meses)
Puebla, Mexico

I'm part of a remote international team developing a huge solution for Metlife,
mainly I'm working on the Front End giving mentoring on Angular JS to
coworkers and developing front end and backend services.

Assigned Tasks
• Angular JS Code Review
• Angular JS Mentoring
• Java Backend coding
• Java mentoring
• Creation of new modules in Angular JS and coding until persistence
  indatabase
• Scrum daily meetings
• Correction of Angular 2 Issues
• File creation and representation in Angular JS

- Changes to Model on Angular JS
- Creation of Directives in angular JS
- Git commit, stash, pull every day
- Evaluation of new Functionalities in Front End
- Proposals of new components in Angular JS
- Attend to meetings with India based team to solve stoppers and S1 issues
- Unit test of modules created
- Integrational test of modules

Grupo Movil Mexico
XMPP java web developer junio de 2017 - noviembre de 2018 (1 año 6 meses) Puebla, Mexico

•Responsible for develop and maintain a real time chat under xmpp stándar for an emerging social network, the chat is designed to support one million users at the same time.

Daily Tasks
- Assist to scrum metting and plan kanban board with team.
- Develop UI integration and develop funcionalities for new designs
- Automate test with selenium and JUnit.
- Program controllers in spring mvc and consume rest services with Spring
- Program Front end with Javascript vanilla JS and JQuery, Html5
- Design and planing arquetypes for new projects
- Create views in Angular 2, consume rest services trough Angular.
- Generation of productive and development deploys.
- Commit in svn and git branches
- Test arquetype concepts with spring boot and spring core
- Refactor of code for get a better performance

MONEX GRUPO FINANCIERO
Operative Efficiency Consultant
julio de 2016 - junio de 2017 (1 año)
Ciudad de México y alrededores, México

•Responsible for analize procceses at the bank and optimize if posible trough IT aplications

Daily Tasks
- Mettings to map processes to be analized
- Process mapping with BPMN

- Optimization of processes trgough Java web apps with frameworks likeSpring, Primefaces, Html5.
- Develop Excel macros.
- Writing technical requeriments
- Track origin of iformation across the bank

Volkswagen de Mexico
TI Especialist febrero de 2015 - septiembre de 2015 (8 meses) Puebla de Zaragoza y alrededores, México

•Responsible of develop new modules for a Human resources portal

Daily Tasks
- Get requirements from the main user of the new module
- Elaboration of UI mock ups
- Programming the new modules after client aproval
- Develop spring services, Daos, Hibernate queries.
- Create views in Primefaces.

ThyssenKrupp
Programmer Analyst at Thyssenkrupp Automotive Systems de México junio de 2014 - diciembre de 2014 (7 meses)

- Responsible for develop new software and maintan legacy softwarecomponents for the plant

Daily Tasks
- Develop new modules for the productive process of the plant
- Generation and reception of production orders fro VW by M100 archives
- Desing, plan and develop software in Java, .Net and Javascript
- Execution of unit and integrational tests.
- BPMN Diagramming
- Process analisys

Secretaria de Finanzas y Administracion del Estado de Puebla
Systems Analist junio de 2012 - mayo de 2014 (2 años)
Puebla de Zaragoza y alrededores, México

•Responsible of develop web services for integration between legacy services and a new ERP

- Web service clients programming in Java

Daily tasks	• Planing and integration analysis trough Java
	• Programming stadistical reporting systems in ASP .Net with C#
	• Creation of Soap web services in Java
	• Technical support in legacy apps
	• Planing the arquetype for the new Java versión of a legacy system called
Sisreq	• Creating Daos and write integration trough xmlconfiguration from spring.
	• Creating Hibernate integration with new views

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Educación

Maestria en video juegos Tech universidad 2023 a 2025
Maestría en Big Data, Ingeniería informática · (mayo de 2020 - abril de 2022) UNIR MEXICO

Instituto Tecnologico Superior de San Martín Texmelucan
Licenciatura en Ingeniería en Sistemas Computacionales, 2016-2020