



Miguel Santos | Senior Software Engineer

Cloud-native software engineer with over 7 years of experience delivering scalable web platforms in AWS using TypeScript, Angular, and Node.js. Proven track record in building microservices, leading greenfield projects, and optimizing developer workflows with Docker and CI/CD. Passionate about clean architecture and user-centered design, and seeking a senior engineering role to build scalable solutions in collaborative environments.

📍 Phetchaburi City District, Thailand 📞 +66 984 580 902

🌐 [linkedin.com/in/miguelacs](https://www.linkedin.com/in/miguelacs) ✉️ santosmiguel25@gmail.com 🐙 github.com/miguelangelo78

Work Experience



Senior Software Developer • Hubexo

Jan 2022 – Present

- Develop responsive cloud-native Web Apps using TypeScript, Angular, Node.js, and Docker on AWS.
- Integrate AI systems into applications to enhance user experience and functionality.
- Design CI/CD workflows to streamline QA deployments.
- Architected and shipped a modular OpenSearch engine with custom indexing and ranking logic.



Software Developer • Apak Group Limited

Apr 2020 – Nov 2021

- Implemented scalable backend microservices in AWS using TypeScript and Node.js.
- Built frontend applications using .NET/C# integrated with Azure DevOps pipelines.
- Led the delivery of major features for financial proposal settlements.



Graduate Software Analyst/Developer • Gamma

Jul 2018 – Apr 2020

- Designed and built backend/frontend components using Java, SQL Server, and Apache Struts.
- Improved interoperability via Single Sign-On integration.
- Developed backend services for telecom switching using STAC and PAC codes.

Education



2014 – 2018

MEng Computer Systems Engineering

University of South Wales, UK

- Graduated with distinction.
- Master's thesis: designed and developed a CPU architecture for a soft microprocessor.

Languages

Portuguese	Native
English	Bilingual
Spanish	Intermediate
Thai	Beginner

Technical Skills

Languages: TypeScript, JavaScript, Python, Java, C#, Bash

Frameworks: Node.js, Angular, Next.js, NestJS, .NET

DevOps & Cloud: AWS, Docker, CI/CD, Azure DevOps

Databases: PostgreSQL, SQL Server

Search & AI: OpenSearch, AI integration (LLMs, embeddings)

Projects

Coinflake: Financial investment tracker for crypto, stocks, and commodities. Built with Next.js and PostgreSQL.

Swapper: Web app for Thai teachers to coordinate job swaps. Built with Next.js, Tailwind, and NextAuth.
swapper-beta.vercel.app

Structura: Meta programming language for AI prompts. github.com/miguelangelo78/structura