DAVID MISAEL VILLEGAS SANDOVAL

SENIOR SOFTWARE ENGINEER

DETAILS

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Chile

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LINKS

[Platzi Profile](#)

[LinkedIn](#)

[GitHub](#)

SKILLS

Angular

NestJS

NodeJS

Java Springboot

TypeScript

JavaScript

Agile Scrum

Empathy

Passion for learning and teaching

LANGUAGES

Spanish; Castilian
● ● ● ● ●

English
● ● ● ● ○

PROFILE

Dedicated and skilled Full-Stack Developer with a strong background in Angular, Java Spring Boot, and modern web technologies like NestJS, seeking to leverage extensive experience in software development to contribute to dynamic and innovative projects. Passionate about coding, learning new technologies, and delivering high-quality solutions.

EMPLOYMENT HISTORY

Senior Software Engineer, Blaze
Remote - Brazil

Nov 2024 — Present

- Developed a secure authentication system with two-factor authentication and user identity management
- Optimized application performance by refactoring code, improving database queries and leveraging caching
- Developed unit tests and implemented automated e2e testing to increase code coverage to 90%

Senior Software Engineering Consultant, Polodev SPA
Remote - Chile

Feb 2024 — Present

- **Backend Development:** Led the creation of an inventory and supplier management system using NestJS, implemented as microservices and deployed on AWS Lambda.
- **Frontend Development:** Developed a responsive and intuitive frontend using Angular, hosted on AWS Amplify.
- **Cloud Services Integration:** Integrated AWS Cognito for user authentication, S3 Buckets for storage, and SNS for notifications, ensuring a robust and secure architecture.
- **Consultancy:** Provided consultancy for various projects, including chatbot development, court rental management, facility reservations, and more.
- **Collaboration:** Worked closely with cross-functional teams to deliver high quality solutions, focusing on clean code and maintainable architecture.

Senior Software Engineer, Falabella
Chile.

Sep 2021 — Dec 2023

- **Task Management:** Efficiently organized and prioritized tasks to ensure timely completion of high-level business solutions for the Transport Management System (TMS) and Payment application.
- **Solution Design:** Expertly crafted solutions for seamless transport order entries and carrier payment requests, integrating directly with SAP systems.
- **Clean Architecture:** Designed and implemented high-quality, clean architecture web application products and modules in new microservices and frontend sites.

- **Taxation Systems:** Created tailored solutions for diverse taxation systems across Chile, Peru, and Colombia, maintaining compatibility with SAP systems.
- **Technical Expertise:** Leveraged expertise in Angular, Java Spring Boot, and NestJS to achieve robust and adaptable solutions.
- **API Development:** Developed a RESTful API integrating with existing systems, reducing manual data entry by 80%.

Semi Senior Software Engineer, NTT Data
Chile.

Sep 2019 — Sep 2021

- **Agile Implementation:** Successfully implemented Agile methodologies and CI/CD practices, enhancing development efficiency and collaboration.
- **AWS Integration:** Utilized Amazon Web Services components such as SES for email delivery, Cognito for user management, and various hosting services for microservices built with Java Spring Boot and NodeJS/Express for backend development.
- **Frontend Development:** Developed secure and robust frontend applications using Angular 8, adhering to the highest security standards to prevent ethical hacking attempts.
- **E-commerce Contributions:** Diligently performed comprehensive testing and contributed to e-commerce projects utilizing PHP and Magento 2, ensuring seamless and secure transactions.
- **Collaboration with Industry Leaders:** Delivered high-quality code and maintained stringent security standards while working with industry-leading companies such as Transbank and Telefonica.
- **Clean Code Advocacy:** Emphasized and adhered to clean code principles, following best practices from the Clean Code book to enhance overall code quality and maintainability.

Junior Software Engineer, Carpetres
Chile.

Jul 2018 — Sep 2019

- **Intranet Applications:** Successfully built comprehensive intranet applications for major companies, featuring news portals, video portals, chat functionality, and galleries.
- **End-User Support:** Committed to providing exceptional support to end-users, utilizing Google Analytics to understand client needs and enhancing user experience.
- **Frontend Development:** Proficient in Angular 4+ for front-end development, ensuring robust and user-friendly interfaces.
- **Backend Development:** Utilized NodeJS for backend development, creating scalable and efficient web applications.
- **Prototyping:** Used Adobe XD for creating detailed prototypes, facilitating seamless transitions from design to development.

Entry Software Engineer, Innoapsion
Chile.

Jul 2017 — Jan 2018

- **Project Management:** Successfully led a comprehensive checklist project web application, including report generation, employee administration, and role management.
- **Mobile Development:** Developed a mobile app in Android Studio for uploading reports and completing checklists.
- **Methodologies:** Expertly created project plans using Kanban methodology, ensuring smooth and efficient project progress.
- **Team Collaboration:** Demonstrated adaptability and problem-solving skills both independently and as part of a team.

EDUCATION

EF SET English Certificate, EF Standard English Test

Feb 2023

Certificate

Analyst Programmer, Inacap

Mar 2016 — Jul 2018