

Angel Perez

Information Systems Engineer - University Systems Analyst – Backend Developer
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SUMMARY

I am an Information Systems Engineer and Backend Developer with over 7 years of experience designing, modernizing, and maintaining scalable, enterprise-grade web applications. I combine a strong foundation in Full-Stack development, DevOps methodologies, and secure software engineering with proven leadership in establishing coding standards and mentoring high-performing backend and full-stack teams. Specialized in CI/CD processes, production environment management, and delivering robust solutions that significantly improve system availability, drive operational efficiency, and create long-term business value.

TECHNICAL SKILLS

Languages & Runtimes: Java, JavaScript/TypeScript (NodeJS, V8, Bun), C/C++, Python, R, Dart
Backend & Testing: Spring, Hibernate, Express, Sequelize, Mongoose, Jest, JUnit
Frontend: Angular, React, DurandalJS, Knockout, Thymeleaf, HTML/CSS, AlpineJS, Bootstrap, Flutter
Databases: MySQL, MariaDB, PostgreSQL, MS SQL Server, SQLite, H2, MongoDB, DynamoDB, Firestore
DevOps & Cloud: Git, Docker, Kubernetes, Jenkins, Selenium, GCP, AWS, OpenShift, Groovy
Architecture & Patterns: Microservices, Event-driven, REST APIs, MVC,DDD, TDD, BDD, OOP
Methodologies: Agile (Scrum, Kanban), CI/CD Pipelines, Gitflow, Code Review, Clean Code, DevOps

PROFESSIONAL EXPERIENCE

Lead Developer

May 2023 – Present

Pasaperez Asoc. Simple

Mendoza, Argentina

- Led the design and development of two core systems, overseeing architecture, implementation, and deployment processes.
- Directed the creation of an exchange integration platform, ensuring efficient data processing and reliable communication between backend services.
- Supervised the development of a video analysis and categorization system powered by AI models, driving innovation and automation within the organization.
- Ensured code quality, scalability, and adherence to best practices across backend and frontend development teams.

Backend Technical Expert / Chief Operations Engineer

Aug 2024 – Present

Slingr

US-based company/Remote, Mendoza, Argentina

- Served as technical reference for the backend team, leading the design and implementation of complex solutions while ensuring technical quality.
- Conducted code reviews to ensure deliverables met quality standards, best practices, and established processes.
- Managed CI/CD pipelines, supervised cloud infrastructure, and implemented automation processes to optimize deployment workflows.
- Proposed and implemented improvements in key areas such as quality, productivity, and internal team processes.
- Collaborated in project planning, risk identification, and technical resource allocation.

Full-Stack Developer

Nov 2024 – Present

Slingr

US-based company/Remote, Mendoza, Argentina

- Led the development of new full-stack features within the slingr framework and platform, leveraging Angular, React and TypeScript to enhance user experience and backend performance.
- Implemented modular front-end components and RESTful APIs, ensuring scalability and maintainability across projects.

- Collaborated with cross-functional teams to integrate DevOps practices, automate deployments, and improve CI/CD pipelines.
- Contributed to architecture modernization efforts, introducing best practices in code quality, security, documentation, and testing.

Systems Engineer / Backend Developer

Dec 2022 – Oct 2024

Slingr

US-based company/Remote, Mendoza, Argentina

- Designed, developed, and maintained key integrations for the slingr platform, ensuring interoperability between services using Java and Node.js.
- Delivered internal tech talks on platform architecture and best practices, fostering knowledge sharing across engineering teams.
- Worked on core platform components including database management, load balancing, and performance optimization.
- Developed and optimized applications within the platform, focusing on new functionalities, APIs, and performance improvements.
- Provided comprehensive technical support, ensuring platform availability and stability for 5,000+ users.

Fullstack Software Developer

Nov 2021 – Aug 2022

Software del Sur

Mendoza, Argentina

- Participated in the development of multiple web platforms including clinical, commercial, and operational management systems.
- Developed interfaces for integrations with commercial services using NodeJS (Backend), Angular 8+ (Frontend), and MySQL/MariaDB.
- Mentored 5 junior developers, establishing coding standards and conducting code reviews to ensure quality deliverables.
- Implemented version control with Git/Bitbucket and managed project requirements with Trello.

Functional Analyst & Software Developer

Mar 2020 – Aug 2022

Pasaperez Asoc. Simple (Concurrent)

Mendoza, Argentina

- Conducted analysis, design, and development of Content Management System for public administration clients.
- Utilized Java/Spring/NodeJS (Backend), Angular 14/HTML/JS/CSS/Thymeleaf (Frontend), MS SQL Server, MongoDB (Database).
- Deployed solutions using Kubernetes/OpenFaaS on Google Kubernetes Engine (GCP).

Systems Engineer

Mar 2021 – Dec 2021

Grupo Metacod (Concurrent)

Mendoza, Argentina

- Led project management, analysis, design, development, testing, and implementation of a Code Generator System with Web Modeler.
- Co-authored Metacod System paper presented at 9th National Congress of Computer Engineering (CoNaIISI 2021).
- Implemented technology stack: Java/Spring (Backend), ReactJS/HTML/JS/CSS (Frontend), MS SQL Server (Database), Docker (Deployment on Amazon ECS).

EDUCATION

Universidad Tecnológica Nacional

Engineering Degree, Information Systems Engineering

Mendoza, Argentina

Mar 2014 – Aug 2022

Universidad Tecnológica Nacional

Degree, University Systems Analyst

Mendoza, Argentina

Mar 2014 – Aug 2022

PUBLICATIONS & CERTIFICATIONS

9th National Congress of Computer Engineering (CoNaIISI 2021) <i>Co-author of Metacod System research paper</i>	2021 <i>Argentina</i>
Introduction to Front-end Development with ReactJS <i>Professional Certification</i>	2020 <i>Online</i>
Blockchain and Bitcoin Principles <i>Professional Certification</i>	2020 <i>Online</i>

LANGUAGES

Spanish: Native		English: Intermediate (B2/C1)		German: Basic (A1)		Italian: Basic (A1)
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KEY PROJECTS & ACHIEVEMENTS

Slingr Platform Modernization <i>Java, Angular, MongoDB, CI/CD</i>	2022 – Present
<ul style="list-style-type: none">• Led comprehensive platform migration from Java 8 to Java 24, serving 5,000+ active users with enhanced performance and security compliance.• Achieved 30-7000% performance optimization across multiple core platform processes through architectural improvements and code refactoring.• Orchestrated frontend migration from DurandalJS to Angular and database upgrade from MongoDB 4 to 8, ensuring low-downtime deployment.• Reduced CI/CD build times by 83% through pipeline optimization and automation improvements.• Successfully achieved HIPAA and SOC 2 security certifications, implementing formal delivery and deployment processes for releases and hotfixes.• Mentored and led a cross-functional team of up to 15 developers, establishing coding standards and best practices.	
Metacod Code Generator System <i>Java/Spring, ReactJS, Docker, AWS</i>	2021
<ul style="list-style-type: none">• Designed and implemented a web-based code generation system that reduced project initialization time in software factories by 97% (from 4 months to 1 week) across 4 enterprise projects.• Co-authored and presented research paper at the 9th National Congress of Computer Engineering (CoNaIISI 2021).	
AI-Powered Video Classification System <i>Bun, AI/ML, Microservices, Benchmarking</i>	2025 – Ongoing
<ul style="list-style-type: none">• Designed and implemented an automated classification system capable of processing up to 8,000 videos and over 500 hours of footage using advanced AI models.• Conducted extensive performance benchmarking to optimize dedicated task execution, achieving significant reductions in computational time and resource utilization.• Engineered the microservices architecture for data processing, ensuring high throughput, scalability, and reliable communication across backend services.	
Elixir Framework (Personal Project) <i>Open Source, Microservices</i>	Ongoing
<ul style="list-style-type: none">• Developed a wrapper framework to simplify microservices development for CRUD operations in REST APIs, accelerating development cycles.	

PROFESSIONAL INTERESTS

Open to opportunities in: Backend Engineering Full-Stack Development Technical Leadership Platform Engineering DevOps/SRE
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