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Professional Experience

Software Engineer at levva

July 2025 – Present

- Led end-to-end development of the Agricultural Machinery Insurance module, delivering 51+ PRs across full-stack architecture using Laravel/PHP, Angular 15, and legacy system integrations
- Automated synchronization with legacy systems, eliminating ~20 hours/week of manual work through bidirectional scheduled commands, heterogeneous data mapping, intelligent deduplication, and commercial management APIs
- Implemented full multi-tenant architecture with licensing system for multiple clients and commercial channels, regional coverage rates (National, State, City), and support for multi-year policies (2–5 years) with progressive coefficients and complex conflict validations
- Built a complete quotation system with expiring drafts, preventive notifications, automatic cancellation of expired quotes, and PDF generation of authorization terms, reducing data loss by 40%
- Developed statistics and KPI dashboards with conversion, churn, and status distribution metrics, monthly summaries, and optimized aggregate queries for near real-time decision making
- Implemented internal notification system and automated emails on status changes and draft expirations, using Observer Pattern with professional templates and role-based segmentation
- Designed and delivered 40+ documented REST endpoints with full Swagger/OpenAPI specs, request/response examples, robust validation, standardized pagination, and error handling
- Optimized Azure CI/CD pipelines, reducing build time by 40% and memory usage by 50%, resolving critical OOM failures via npm caching and Webpack tuning
- Built an administrative interface with Angular 15, including persistent and shareable draft URLs, editable multi-select coverage configuration, intelligent redirects, and critical UX bug fixes

- Implemented 15+ domain models, 5+ scheduled commands, Service Layer and Repository Pattern across features, with Application Insights tracking, versioned migrations, and complex relationships
- Standardized technical documentation with complete Swagger examples, onboarding guides, and PR-level documentation to improve maintainability
- Integrated external CRM and insurer platforms using established design patterns (Service Layer, Repository, Observer, Command), achieving zero critical production bugs

Junior Software Engineer at Encora Inc.

January 2023 – April 2025

- Full-stack development and maintenance with a focus on scalability, performance, and code quality in projects built under microservices architecture and agile methodologies (Scrum).
- Development and integration of RESTful APIs using Python (FastAPI), with SQLAlchemy, PostgreSQL, and Alembic for database versioning.
- Building and consuming independent services in a distributed ecosystem, emphasizing modularity, integration, and security.
- Environment management with Docker and Docker Compose, implementing automated CI/CD pipelines.
- Frontend development with Vue.js (Composition API) and JavaScript, using TypeScript in specific components.
- Maintenance and refactoring of legacy systems in PHP (Laravel), integrating with modern services and driving continuous improvements.
- Writing and maintaining automated tests with Pytest (backend) and Playwright (frontend), ensuring coverage and reliability across multiple environments.
- Implementation of performant and customized search features using Algolia.
- Active participation in agile squads, contributing to technical reviews, standards definition, and architectural decisions.
- Use of tools like Jira, Trello, and GitHub for task management, version control, and collaboration in iterative delivery cycles.

Software Development Intern at Encora Inc.

February 2021 – January 2023

- Contributed to internal solutions focusing on modern architecture, scalable APIs, and web applications using widely adopted enterprise technologies.
- Developed RESTful APIs with Node.js and Python (FastAPI), integrating with PostgreSQL and MySQL databases.

- Implemented authentication and business logic using Firebase (Auth, Realtime Database, Firestore).
- Created web applications with Vue.js and React, focusing on componentization and API integration.
- Used Swagger for service documentation and supported integration between teams.
- Collaborated in repository organization, code standardization, and technical requirement validation across various internal projects.

Software Development Intern at OpaBox

June 2019 – February 2021

- Responsible for developing white-label solutions for B2C e-commerce platforms, delivering custom websites and apps for clients from various industries.
- Built web applications using Vue.js and mobile apps using Flutter, reusing components across different instances.
- Developed APIs in a microservices architecture using Node.js and AWS services like Lambda, API Gateway, SQS, CloudWatch, and DynamoDB.
- Customized logic and layouts to meet client-specific requirements.
- Integrated external services and enforced code standardization in a multidisciplinary team.
- Strong collaboration with technical and product teams in delivering scalable solutions under high demand.

Software Development Intern at SuperOpa

June 2019 – February 2021

- Contributed to the development of a multisector marketplace connecting distributors and retailers (supermarkets, pharmacies, pet shops) to end consumers.
- Developed web solutions with Vue.js and mobile apps with Flutter, integrated with Node.js-based microservices.
- Built and consumed APIs using AWS Lambda, API Gateway, CloudWatch, SQS, and DynamoDB.
- Documented APIs with Swagger and supported both frontend and backend teams.
- Collaborated with product, design, and business teams to deliver features aligned with business needs.
- Worked in a fast-paced startup environment with rapid delivery cycles, continuous feedback, and customer-oriented solutions.

Education

FIAP

Postgraduate Lato Sensu – MBA in Solutions Architecture | *April 2025 – April 2026 (in progress)*

Postgraduate program focused on designing and implementing scalable solutions, covering cloud computing, microservices, system integration, security, data, and technical leadership.

Pontifícia Universidade Católica de Campinas

Bachelor's Degree in Software Engineering | *2019 – 2023*

Comprehensive education in software development, data structures, requirements engineering, code quality, agile methodologies, and DevOps practices.

Escola Técnica Estadual "Bento Quirino"

Integrated Technical Program in Computer Science | *January 2016 – December 2018*

Practical training in programming logic, web development, computer networks, databases, and operating systems.

Language

English - Advanced

Spanish - Technical / Basic

Portuguese - Native

Additional information

Exchange Program – Canadian College of English Language (CCEL)

July 2022 – Vancouver, Canada

Intensive English course focused on technical language and professional oral communication in international environments.

Technical skills

Backend

Python (FastAPI), Node.js (Express.js), PHP (Laravel), Java

Frontend

Vue 3 (Composition API), React, Next.js, Angular, TypeScript, Nuxt.js, JavaScript (ES6+), HTML5, CSS3/Sass

Mobile

Flutter, React Native

Architecture

Microservices, Serverless, Clean Architecture, DDD (Domain-Driven Design), Event-Driven Architecture, TOGAF, BPMN, Service Layer Pattern, Repository Pattern, Observer Pattern

APIs

RESTful, GraphQL, gRPC, OpenAPI/Swagger

Cloud Providers

AWS (Lambda, SQS, API Gateway, CloudWatch, S3, EC2), Azure, Firebase, GCP

Containerization

Docker, Docker Compose, Kubernetes

Infrastructure and DevOps

Docker, Kubernetes, PM2, KVM, Linux, Terraform, Ansible

CI/CD

GitHub Actions, GitLab CI, Jenkins, Azure Pipelines

Databases and Streaming

PostgreSQL, MySQL, SQLite, MongoDB, DynamoDB, Firestore, Redis, Kafka, Kinesis, Debezium, Hadoop

ORMs

SQLAlchemy, Eloquent, Prisma

Caching

Redis, Memcached

AI and Analytics

Applied Machine Learning, LLMs, AI for Product and Automation, Data Analysis

Integrations and APIs

RESTful APIs, GraphQL, Swagger/OpenAPI, Okta, Form.io, Algolia, Stripe, AWS Services

Testing and Quality

Pytest, PHPUnit, Jest, Playwright, Cypress, Testing Library, Postman, Insomnia, Mailtrap

CI/CD and Observability

GitHub Actions, GitLab CI, Jenkins, Azure Pipelines, Datadog, Sentry, CloudWatch

Management and Methodologies

Git, GitHub, GitLab, Bitbucket, Jira, Trello, Confluence, Notion, Linear, Figma, Adobe XD, Agile (Scrum/Kanban), OKRs, KPIs, Code Review, Pair Programming

Documentation

Swagger, Confluence, GitBook