DENIS MAGALHÃES

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SKILLS

API

Model Context Protocol (AI)

LLM (AI)

Fine Tuning (AI)

OpenAI (APIs)

TypeScript

Node.JS

React

Redis

MongoDB

PostgreSQL

Docker

JavaScript

Angular

MySQL

ABOUT ME

Full Stack Developer with an entrepreneurial mindset, resilient profile, and focus on overcoming technical challenges. Proactive, adaptable, and committed to continuous learning. Throughout my career I've been architecturing, scaling up and engineering projects from scratch, beside managing development teams and scrum agile procedures, aiming to use well-architectured solutions, continuous integration, security and high team performance.

I worked with PHP and Java since the beginning of my career. Eventually, A little over 5 years ago I have migrate to JavaScript/TypeScript. I've used used and experienced lots frameworks and successed in all of them, to share some in JavaScript: React, Angular, React Native, Node.js Express, Nest.js, among others and I started working with TypeScript too.

I also have been coding with Flutter, Python and Golang in several moments when the team decided to use those languages and frameworks.
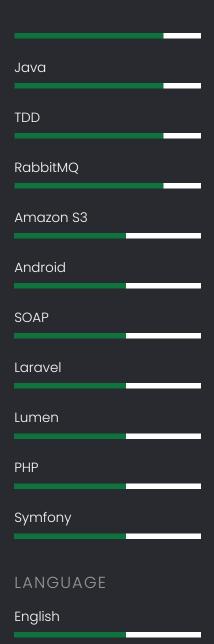
I've integrated the applications I designed and developed with some other services and API's which were very helpfull to successed the efiency, usability and experience of the app, such as: Digital payments and bankings, Redis (Pub/Sub), RabbitMQ, SQS, SNS, Cloudinary, S3, ElasticSearch, Firebase, Google My Business Reviews, OCR Image Detectors, Twilio (SMS and WhatsApp), SES, SendGrid, SendinBlue, OpenAI APIS, ChatGPT, Dall-E, Whisper, AI, LLM, Leonardo AI (API) to metion some of them.

To scale and garantee the application integration, I worked with Heroku, AWS, GCP, NewRelic and DataDog.

I'm very proud that several projects that I helped to create from the scratch have been growing up and selling so fast, making those start ups earn big clients around the world.

For all these I've just said, I believe I have much more to accomplish because I've always been focused, determined, open-minded, electrifying passionate man.

You can count on me. Let's keep in touch and change the world for

better!

PRESENTATIONS

ChatGPT in WhatsApp
My presentation on integrating ChatGPT into WhatsApp (using Facebook official API) with Nest.js

Go to Google Drive

EXPERIENCES

GoatVPN   Jun 2024 - Present
CTO / Tech Lead, Remote
Led the complete technical conception, development, and delivery of GoatVPN platform infrastructure, including architecture, backend, frontend, and third-party integrations.

Key Deliverables & Technologies:
Backend:
- NestJS as API
- Node-ssh for Managing VPN connections with WireGuard shell scripts
- Pusher for websocket
- Auth with JWT Strategy

Database:
- Atlas MongoDB for data persistence
- Redis for cache and queue process

Frontend:
- React
- Next.js
- Tailwind
- TailAdmin for administrative dashboard focused on operator experience
- react-simple-maps for render world map with servers

Integrations:
- Stripe API (recurring payments)
- Apple Store API (verify Apple Webhook payments)
- Cryptomus API (cryptocurrency gateway payment)
- NoxPay API (Pix gateway payment)
- HavelBeenPwned API (Check email address is in a data breach)
- Leakcheck API (Find user credentials have been compromised)
- Dehashed API (Check users credentials have breach)
- Slack API (Notification payments and cookies events)
- Google Tag Manager / Meta API (Send every user cookie after payment)

Infrastructure:
- New Relic (monitoring)
- DataPacket (SSH server management)
- AWS ECS
- AWS Cognito (Social auth)
- AWS SES (Send emails)
- Github Actions
- CI/CD scripts
- Cron routines
- Shell script Linux servers for provisioning DataPacket servers

Java

TDD

RabbitMQ

Amazon S3

Android

SOAP

Laravel

Lumen

PHP

Symfony

LANGUAGE

English

Português (Brasil)

Team Leadership:
- Structured and hired the complete technical team including DevOps, Web Frontend, Mobile Frontend (cross-platform and native) and iOS native developer.

Impact: Delivered high-performance, scalable, and secure solutions through hands-on development and strategic vision.

Tech Lead   Mar 2023 - Jun 2024
GO-K Digital, Remote

As **Tech Lead & Senior Software Engineer** at Grafeno Digital, leading the Credit Emission project and driving technical excellence across full-stack development.

Technical Leadership:
- Architect and develop scalable APIs using NestJS with comprehensive Swagger documentation
- Design robust data solutions with PostgreSQL and Redis caching layers
- Implement containerized deployments using Docker and Kubernetes orchestration
- Build responsive front-end applications with React and TypeScript

DevOps & Infrastructure:
- Automate CI/CD pipelines through GitHub Actions
- Monitor production systems with Grafana (DEV/STG) and New Relic (PROD)
- Manage AWS cloud infrastructure for optimal performance and scalability

Team Development:
- Lead Individual Development Plans (IDPs) to accelerate team professional growth
- Mentor developers and establish best practices across the engineering organization

Impact: Successfully deliver high-performance, scalable applications while fostering team expansion and driving project success through technical innovation and strategic leadership.

Tech Lead   Jul 2022 - Feb 2023
Itau BBA, São Paulo

Itaú BBA is building a new Bankline for Corporate Clients.

Currently, I am responsible for the Authentication and User Permissions squad within this New Bankline.

DevOps:
- AWS EKS for Spring Boot deployment
- AWS S3 for Angular deployment
- AWS Gateway for API security management
- AWS CodePipeline for deployment
- AWS STS for managing tokens between applications
- Charon for encrypting front-end to back-end requests
- Docker

Back-end:
- Hexagonal Architecture

- Auth0 & CIAM
- Java
- Spring Boot 2.6.8
- TDD with 90% Coverage
- Swagger for API documentation

Front-End:
- React
- Accessibility
- Voxel (internal framework)

TDD with 90% Coverage

More:
- Confluence for the documentation in squad
- git
- Scrum

FIC Engineer   Sep 2021 - Jul 2022
Trustly

Trustly is a payment gateway present in North America and Europe.

I was responsible for integrating Trustly's gateway with American banks using Web Scraping and Rest API.

Back-end:
- Java
- Git
- PostgreSQL
- Docker
- IntelliJ
- AWS / Google Cloud / Azure for rotate IPs for Web Scraping

Methodology:
- Scrum usando Jira

Software Engineer   Jun 2019 - May 2021
Itaú Unibanco

Worked in the Mobile sector.

I'm developed new WebViews using Angular. These WebViews are present in the application of Android and IOs systems.

DevOps:
- AWS S3 for Angular deploy
- AWS CodePipeline for application deployment

Front-end:
- Angular

Back-end:
- AWS
- Java
- Docker
- Jenkis

Technology Consultant Senior   Mar 2020 - Mar 2021
Sthorm

Full-stack services provision for ViralCure construction (https://viralcure.org/)

Front:

- Angular

Back-end:
- Nest.JS
- Docker
- PostgreSQL
- GIT
- Scrum usando Trello

Software Engineer
Apr 2018 - Jun 2019

Accenture

I worked on the Porto Seguro project.

Front:
- Angular
- Angular Material

Back-end:
- Java
- GIT
- Jenkis
- Node.JS

Software Engineer
Apr 2016 - Jan 2017

QueroQuitar

Deployment of integration via WebService and REST and SOAP for various providers.

Front-end:
- Angular

Back-end:
- Laravel e Lumen
- Docker
- Mongodb
- MySQL
- Git
- TDD

Software Engineer Intern
Dec 2014 - Feb 2015

Ingresse
Back-end:

- PHP
- Symfony
- Ngnix
- API Rest
- Git

Intern
Nov 2013 - Oct 2014

Porto Seguro

EDUCATION

Análise de Sistemas
Sep 2014 - Jun 2016

Universidade Paulista

Desenvolvimento Full Stack
May 2014 - Jun 2014

Net coders

Web Desenvolvimento, Webmaster   Sep 2012 - Jun 2013
SENAI São Paulo

AWS - Cloud Practitioner   Present
AWS Certified Cloud Practitioner provides foundational understanding of AWS Cloud concepts, services, and terminology. This certification serves as an excellent starting point for individuals in non-technical roles with no prior IT or cloud experience, or for those with on-premises IT experience seeking basic AWS Cloud fluency. This certification gives candidates the confidence needed to pursue role-based AWS certifications.