KAUAN VIDIGAL

Full-Stack Developer

São Paulo / Brazil

CONTACT

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Kauan-vidigal

Vidigal-code

Portfolio

ACADEMIC TRAINING

Estácio, São Paulo

Computer Science | 2023 - 2026

SKILLS

- **Programming Languages:** *Java, PHP, JavaScript, TypeScript,, Python;*
- **Front-End Development:** *HTML, CSS, Sass/Scss, Bootstrap, Tailwind CSS, Styled Components, MUI(Material UI);*
- **Back-End Development:** *Node.js;*
- **Web Servers:** Nginx, IIS (Internet Information Services), Apache HTTP Server;
- **Dependency Management:** *Composer, pnpm, npm, Yarn, Maven, Gradle;*
- **Test-Driven Development:** *JUnit, pytest, PHPUnit, Jest;*
- **Infrastructure & DevOps::** *Docker, Kubernetes, CI/CD pipelines;*
- **Frameworks:** *Spring Boot, Electron, Slim, Laravel, NestJS, Next.js, React.js, Vue.js, Vite;*
- **Databases:** *MySQL, Oracle Database, PostgreSQL, MongoDB;*
- **Hosting and CDN:** *Contabo, Cloudflare;*
- **IDEs:** *VS Code, IntelliJ IDEA, WebStorm, PhpStorm;*
- **Version Control:** *Git (GitHub, GitLab, Bitbucket);*

Description

Full Stack Developer with solid experience in Java, PHP, Node.js, Python and TypeScript.
Specialist in developing scalable RESTful APIs, adopting MVC patterns and automated testing practices with TDD (JUnit, pytest, Jest, PHPUnit).
Deep knowledge of ORMs (JPA, Hibernate, TypeORM, SQLAlchemy, MongoEngine) and web server configuration (Apache, Nginx, IIS).
Strong experience in relational (MySQL, PostgreSQL, Oracle Database) and non-relational (MongoDB) databases.
Experience with VPS servers, Linux environments and DevOps practices applied to cloud infrastructure (AWS, Google Cloud, Oracle Cloud, Azure), with containerization (Docker), orchestration (Kubernetes) and automated CI/CD pipelines.
Strong command of Object Oriented Programming, SOLID principles, Clean Code and modern frameworks such as NestJS, Spring Boot, Flask and Django.

Professional Experience

Full-Stack Developer

Back-end

Laravel (PHP):

Robust framework for developing APIs and web systems with elegant structure, high productivity and complete features.

Spring Boot (Java MVC) + JPA/Hibernate:

Powerful platform for building scalable RESTful APIs with full relational database support and transaction management.

NestJS (Node.js + MVC + TypeScript + TypeORM):

Modular, strongly typed and scalable framework, ideal for modern and well-organized APIs.

Flask (Python):

Lightweight and flexible microframework for building rapid APIs, prototypes and applications with full control of the framework.

Django (Python MVC):

Robust full-stack framework with native ORM, authentication system, admin panel and MVC-based architecture.

Authentication and Security:

JWT, JWE, and OAuth2 for modern, scalable, and secure authentication.
Multi-platform deployment for API protection and granular access control.

Front-end

- ***React e Vue.js:***

Creation of modern, responsive and componentized interfaces with a focus on performance and user experience.

- ***Next.js (React):***

Use of SSR (Server-Side Rendering) and SSG (Static Site Generation) for greater performance and SEO.

- ***Micro Front-ends:***

Modular structure for parallel team development, with independence between domains.

- ***Axios:***

HTTP client used to consume REST APIs, with support for interceptors, authentication and error control.

Automation and Artificial Intelligence

- ***OCR (Optical Character Recognition):***

Automated reading of texts in images and physical documents.

- ***NLP (Natural Language Processing):***

Interpretation, classification and extraction of information from texts.

- ***Chatbots:***

Development of virtual assistants with integration to multiple platforms (web, WhatsApp, Telegram, etc.).

- ***Other automations:***

Data pipelines, scheduled tasks, AI API integration, and enterprise automation.

Test-Driven Development

- ***Application of unit tests, integration tests and TDD in the development cycle.***

- *JUnit (Java)*
- *pytest (Python)*
- *Jest (TypeScript/JavaScript)*
- *PHPUnit (PHP)*

Infrastructure and DevOps

- ***Web Servers:***

- *Apache*
- *Nginx*
- *IIS*

- ***Linux Environments:***

Experience in terminal, permissions, automations with shell script and service configuration.

- ***Containerization:***

Docker: Creating isolated and consistent environments.
Kubernetes: Orchestrating containers for scalability and high availability.

- ***Cloud Computing:***

AWS: S3 (storage), SQS (messaging), EC2 (VMs), Lambda (serverless), managed DBs, load balancers, autoscaling.
Azure: VMs, SQL & Cosmos DB, load balancers, autoscaling, Azure Functions (serverless).
Google Cloud: Compute Engine (VMs), Cloud SQL & Firestore, load balancers, autoscaling, Cloud Functions (serverless).
Oracle Cloud: Compute (VMs), Autonomous DB, load balancers, autoscaling, Oracle Functions (serverless).

- ***Security:***

SSL/TLS: Digital certificates for HTTPS.
Cloudflare: Reverse proxy, cache, WAF and DDoS protection.

- ***CI/CD:***

Creating and managing continuous integration pipelines with GitHub Actions, GitLab CI, and Jenkins.