

Yves Toupe

SENIOR SOFTWARE ENGINEER

CONTACT

(510)-459-8986

Yvestoupe@gmail.com

Bay Area, California

[Linkedin](#)

www.yvestoupe.com



SKILLS

Frontend & Mobile: Angular , React , JavaScript (ES6+) , TypeScript, HTML , CSS/SCSS , RxJS , NgRx , Redux , Flutter, Web Accessibility (WCAG)

Backend & Core: PHP , Node.js , C++ , Go (Golang) , Python (with Generative AI and ML Integration), RESTful API Development , Microservices Architecture , Message Queues (e.g., Kafka, RabbitMQ), LLM API Integration, and Vector Databases (RAG).

Cloud & DevOps: AWS, Azure, Google Cloud, Docker, Kubernetes, Vagrant, CI/CD, Jenkins, Git (Bitbucket, GitHub), Terraform/CloudFormation (IaC), MLOps Platforms (e.g., MLflow, Vertex AI), and Big Data Platforms (e.g., Databricks/Apache Spark)

Databases: SQL , NoSQL, PostgreSQL, MySQL, MongoDB

Testing: Automated Tests , TDD (Test-Driven Development) , BDD (Behavior-Driven Development) , Unit Testing , E2E (End-to-End) Testing, Jest, Cypress, Mocha, Jasmine, Karma

Methodologies: Agile (Scrum , Kanban), XP (Extreme Programming), Technical Architecture , Code Review & Quality Assurance

PROFILE

Senior Software Engineer with 10+ years of experience, specializing in Full-Stack Development and Cloud Architecture. Expertise in MLOps and Generative AI Integration, leveraging CI/CD pipelines to deploy scalable, data-driven solutions. Proven leader of cross-functional teams. Fluent in English, French, and Portuguese

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER

[Smart Tubing](#) | Palo Alto, California | Sept 2023 - Present

- Developed high-performance APIs and web apps to manage over a million medical devices; implemented a predictive data caching algorithm that utilized Python libraries, improving data retrieval efficiency by 25% and reducing latency.
- Developed a mobile app and setup MQTT server
- Led engineer squad; set OKRs, ran code reviews.

SENIOR SOFTWARE ENGINEER

[Aubay](#) | Portugal and France | Nov 2022 - Sept 2023

- Maintained and debugged PHP banking applications ([Credit Agricole](#)), reducing critical bugs by 80% and contributing to increased system uptime.

FRONT-END DEVELOPER

[Sinqia](#) | São Paulo, Brazil | April 2020 - Feb 2022

- Enhanced banking platforms for [BTG Pactual](#) and [Banco ABC](#), coding with React and Angular. which resulted in increased user engagement.

SENIOR SOFTWARE ENGINEER

[I9XP](#) | São Paulo, Brazil | April - Dec 2019

- Collaborated within a team of 40 programmers to develop B2B/B2C e-commerce solutions for clients like [Nike](#) and [Unilever](#), resulting in a 20% increase in online sales and improved user experience across platforms.

SOFT SKILLS & LANGUAGES

Project Management : Stakeholder Management , Cross Functional Collaboration , Adaptability and Resilience

Languages : English (Fluent) , French (Fluent) , Portuguese (Fluent)

EDUCATION

MS , Computer Science

University of Brasilia UnB, Brazil
Relevant coursework in Advanced Algorithms and Distributed Systems, 2015

BS, Software Engineering

University of Abomey Calavi, Benin
Core study in Software Design and System Architecture, 2008

EXTRACURRICULAR

Speaker, Darkmira Tour Conference
Teacher, Technology & Computer Architecture's
Currently developing some personal projects with high social impact

SENIOR PROGRAMMER & TEAM LEAD

[MAZZA FC](#) | Franca, Brazil | May - Dec 2018

- Spearheaded the development of an e-commerce platform, ensuring modular and scalable solutions using React and [Node.js](#). Oversaw a team that resulted in successful project delivery.

SOFTWARE DEVELOPER

[Accenture](#) | Brasilia Brazil | Sep 2016 - May 2018

- Utilized PHP and SQL to develop mission-critical web applications for the National Department of Transport and Infrastructure of Brazil.
- Led the development phase under Agile (Scrum) methodologies to ensure the successful delivery of the SUPRA project, resulting in a 100% increase in the efficient management of national transportation infrastructure projects.

PHP DEVELOPER

[Zipmesh](#) | San Francisco, CA | March - August 2016

- Developed and deployed a robust e-commerce web application utilizing Laravel for the backend and AngularJs for the frontend.
- Successfully integrated complex payment processing APIs to ensure secure and seamless transactions, increasing checkout conversion by 15%.

SOFTWARE DEVELOPER

Myinfoshare | Brasilia, Brazil | Aug 2015 - March 2016

- Spearheaded the development of a central online identity platform , ensuring high availability and robust data security protocols.
- Provided technical direction and supervision to junior developers while managing server administration, leading to a successful platform launch and zero critical security incidents.

SYSTEMS ANALYST

[Zago Engenharia](#) | Brasilia, Brazil | Sep 2014 - Jul 2015

- Developed highly functional multilingual web applications and e-commerce solutions for an environmental consulting company.