

Experience

- 2022 **Lead Full Stack Developer**, *Pytheas Capital Advisors*, Biarritz & Paris
Full Stack Development
Technologies used:
 - JavaScript: Node, NestJS, Meteor, React, Apollo, XState, Emotion, Storybook, Jest, Cypress
 - Java: Quarkus, JUnit, RabbitMQ
 - Databases: MongoDB, PostgreSQL
 - DevOps: GitLab, Kubernetes (K8s), Docker-Compose, ArgoCD
 - Others: ETL, Keycloak, RabbitMQ, ArtilleryTasks performed:
 - Developed a Factur-X – ZUGFeRD invoice generator.
 - Developed a microservices orchestrator.
 - Conducted end-to-end tests of microservices.
 - Frontend and backend development of the application.
 - Wrote tests and optimized legacy MongoDB queries.
 - Managed the project using SCRUM methodology on ClickUp.
- 2019-2021 **Lead Frontend Developer**, *Syment*, Bayonne, Remote
Frontend Developer and Project Lead
Tasks performed:
 - Redesigned a Frontend application from Symfony/Twig to React.
 - Developed a full-stack ZOOM widget.
 - Managed the project using SCRUM methodology on Jira.
 - Mentored and enhanced the technical skills of two web developers.
- 2019 **Lead Developer**, *Expateo*, Bidart, Remote
Full-stack Developer
Tasks performed:
 - Redesigned a Frontend application from Angular to React.
 - Handled the migration of a PHP API to Node.
- 2018-2019 **JS (React/Node) & PHP (Symfony 4) Trainer**, *Wild Code School*, Bidart
Full Stack Trainer.
- 2016-2018 **Frontend Web Developer**, *Onrewind*, Bidart
Frontend Developer.
Tasks performed:
 - Maintained a REST API.
 - Redesigned the administration panel.
 - Maintained and improved video processing tools.
- 2012-2015 **Software Developer**, *Kreapixel*, Prignonrieux
Software Manager.
Tasks performed:
 - Developed a cross-platform media player.
 - Created an automatic third-party software deployment manager for Windows.

Education

- 2012–2014 **Master's in Software Engineering Management**, *Cesi-entreprises*, Blanquefort
Software engineering program.
Keywords: Management, Project Manager, AGILE, RAD, Software Architecture
- 2010–2012 **Master's in Computer Science and Operations Research**, *University of Bordeaux*, Bordeaux
Decisional computer science program.
Keywords: Operations Research, Modeling, Decision Support, Artificial Intelligence, Metaheuristics
- 2007–2010 **Bachelor in Applied Mathematics and Social Sciences**, *University of Bordeaux*, Bordeaux
Multidisciplinary program.
Keywords: Mathematics, Programming, Economics, Cognitive Sciences

Soft Skills

Interpersonal Skills	Team spirit, Active listening, Non-Violent Communication, Conflict resolution
Teaching Skills	Simplification, Hybrid pedagogy, Knowledge sharing

Development Skills

Miscellaneous

Recently	Java , <i>Quarkus</i> , <i>RabbitMQ</i> JavaScript , <i>NestJS</i> , <i>TypeScript</i> , <i>Webpack</i> , <i>Express</i> , <i>React</i> , <i>Node</i> , <i>Mocha</i> , <i>Jest</i> , <i>Redux</i> , <i>XState</i> , <i>Apollo</i> , <i>Meteor</i> Others , <i>Docker</i> , <i>MongoDB</i> , <i>Prettier</i> , <i>Git</i> , <i>PostgreSQL</i>
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General

Languages	JavaScript , Python , Java , Go, C++, C#, R, Autoit, <i>PHP</i> , <i>AS3</i> , <i>Fortran</i> , <i>SQL</i> , <i>Scilab</i>
Office	\LaTeX , Office Suites, HTML/CSS
Environment	OSX, Ubuntu, Windows
VCS	Git

Project Management Skills

Management	Meeting facilitation, Team animation, Conflict management, Evaluation interviews
Steering	Scrum, Kanban, MoSCoW, XP, RAD
Tools	ClickUp, Teams, Slack, Trello, Jira, GitLab, GitHub, BitBucket

Operations Research Skills

Artificial Intelligence	Supervised neural networks, Path Finding, Ant Colony, Genetic Algorithm, Min-Max, Gradient Descent
Optimization	Linear, combinatorial, non-linear, constraint programming
Algorithms	Complexity, Meta-heuristic, Distributed
Others	Graph theory, Queuing theory, Data analysis, PORTA, AMPL

Languages

French	Native
English	Good Technical Skills
Arabic	Dialectal

I wrote my master thesis in English.

Other

Driving License	B
Sports	Surfing, Kempo, Volleyball (Coach)
Hobbies	Reading, Chess, CodingGames, OSS