

## 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	<b>Java</b> , <i>Quarkus</i> , <i>RabbitMQ</i> <b>JavaScript</b> , <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> <b>Others</b> , <i>Docker</i> , <i>MongoDB</i> , <i>Prettier</i> , <i>Git</i> , <i>PostgreSQL</i>
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### General

Languages	<b>JavaScript</b> , <b>Python</b> , <b>Java</b> , Go, C++, C#, R, Autoit, <i>PHP</i> , <i>AS3</i> , <i>Fortran</i> , <i>SQL</i> , <i>Scilab</i>
Office	$\text{\LaTeX}$ , 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