Arnaud JOYE

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As a seasoned software engineer, I specialize in comprehensive testing and application development. My strength lies in designing and implementing RESTful APIs, a skill that enhances system connectivity and improves user experience. Adhering to Agile methodologies and 'Clean Architecture' principles, I assure maintainability and scalability of systems. My adaptability and teamwork aptitude equip me well for any software engineering role.

GitHub   joyearnaud   **LinkedIn**   arnaud-joye

SKILLS

JAVA	Java11, Kotlin, Spring, Quarkus
JAVASCRIPT	Angular, Vue, Node.JS, TypeScript

EXPERIENCE

SCIPOVO
Founder and Lead Software Developer   Oct 2022 - Present

Co-founded SCIPOVO, a tech startup focusing on innovative service development including a diet management app for Europe and a B2B time slot booking service for Central America.

- Optimized application architecture for cost efficiency and future scalability, with a focus on API-centric design
- Developed robust backends and user-friendly frontends, enhancing system efficiency with a product-centric approach
- Established strategic partnerships, expanding business reach and opportunities

OODRIVE
Software Architect & Development Engineer   Jan 2020 - Sep 2022

Served in 3 teams, participating in architecture decision, enhancing API management and implementing robust software solutions. Supported the transition to off-the-shelf billing systems and build an automated rule engines. Collaboratively worked towards a microservices architecture using DDD and SOA.

- Aligned technical and business infrastructure with strategic objectives
- Initiated API best practices and trained teams
- Evaluated potential API Management solutions through extensive POCs and benchmarks
- Implemented an automated rule engine, optimizing process workflows
- Create automated processes for upsale validation, improving operational efficiency for the billing department
- Contributed to the provision of a containerized technical platform, bolstering system scalability

Société Générale BDDF / Crédit du Nord
Full Stack Engineer   Mar 2017 - Jan 2020

Participated in the development of a robust, multi-platform application named ERPM for Crédit du Nord's Digital Agency to optimize customer acquisition. The application, leveraging features like API-driven data interchange, improved client management by interfacing with the central system through a SOA.

- Guidance on technology selection, development of an multi-platform app, corrective and adaptive maintenance
- Integrated deployment tools (Maven, Git, Jenkins, Nexus, Alien4Cloud, EKL stack) and REST APIs for BFF operations.
- Managed Scrum lifecycle events and maintained software quality with testing, code review and pair-programming practices.

Mairie de Paris
Lead Developer   Dec 2016 - Mar 2017

Directed the overhaul of a municipal management application, improving transparency, efficiency, and team skills with Kanban and pair programming practices.

- Revamped project objectives and automated code review for quality assurance
- Implemented CI/CD pipelines for efficient development cycles
- Boosted team skills and autonomy using Agile Kanban and pair programming

SMA BTP

Software Development Engineer   Oct 2015 - Nov 2016

Worked as a Software Development Engineer at SMA BTP, where I contributed to developing and improving financial management tools. Our key project was the MOREP reference tool for SMA's financial statements, utilizing Spring and AngularJS.

- Assisted in establishing the technical foundation and developing robust Spring web-services
- Participated in creating AngularJS interfaces and conducting user-requirement studies
- Worked on database interactions and participated in release management activities

Eutelsat S.A.

Software Development Engineer   Jun 2015 - Aug 2015

Worked in a team to design and implement satellite telecommunication services. Participated in Mule ESB RESTful web services and Java modules development.

- Assisted in laying down the project's technical groundwork and developing basic web services
- Helped manage database interactions and participated in the development of new modules
- Involved in client demos, sprint planning, and contribution to technical documentation

Société Générale BDDF

Software Development Engineer   Jun 2013 - Jun 2015

Participated in the enhancement and management of Société Générale's portal for associations, individuals, professionals, and businesses stakeholders. Assisted in developing tools for new transfer types and worked on the maintenance and migration of application portals for compatibility with Weblogic 11g.

- Executed user needs analysis and UI design
- Developed Web Services using Spring and managed database interactions
- Led unit testing and release management activities
- Handled production deployment and technical support

Software Development Engineer, Intern   Apr 2012 - Nov 2012

As a Software Development Engineer Intern at Infotel, I spearheaded the conceptualization and development of innovative applications. My work included designing a comprehensive account management application for CROUS and a collaborative internal social network for Infotel.

- Assisted in technical studies and setup SOAP services for app development
- Contributed to the POC for mobile and desktop solutions using hybrid technology
- Supported database interactions and customer support

VOLUNTEERING

Property Management Council

Council President   Jul 2020 - Jun 2023

Led and oversaw the operations and management of a property, ensuring efficient operation and tenant satisfaction.

- Guided the decision-making process for property operations.
- Liaised between property owners and tenants.
- Managed conflict resolution and problem-solving.

P.I.E.R - ESIEA's Junior Enterprise

Secretary General   Jan 2010 - Jun 2012

Oversaw administrative functions of the organization, providing effective communication and organization.

- Managed meeting schedules, minutes, and correspondence.
- Ensured smooth operations of the organization.
- Contributed to strategic decision-making.

EDUCATION

ESIEA
Jan 2007 - Jan 2012
Bachelor - IT engineer

PUBLICATIONS

OpenAI et n8n : le duo de choc de l'hyperautomatisation
Personal Blog
2023-03-20
Link

In this article, I discussed the powerful combination of OpenAI and n8n for hyperautomation. I highlighted how these tailored automation tools can be effectively utilized for blog writing and other tasks.

Débloquer la puissance des APIs: Un guide de gestion et d'outils d'API
Personal Blog
2023-03-15
Link

In this publication, I explored the importance of API Management. Drawing an analogy with an orchestra's maestro, I explained how API Management ensures that all APIs are properly configured and performing their assigned tasks efficiently.

LANGUAGES

Français
Native

English
Fluent

Español
Basic

INTERESTS

Bicycling

- Gravel
- Mountain-bike
- Bikepacking

Motorcycling

Photo

- Wedding
- Phototrekking
- Camera geek