

# SOPHIA MARY

## Senior Full Stack Java Developer

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### PROFILE

Results-driven Senior Java Developer with 7+ years delivering scalable enterprise applications. Proven track record at the European Parliament and IBM. Strong advocate of clean code, microservices, and Agile best practices.

### CORE SKILLS

☕ Java 8 / 11 / 17 / 21  
🔗 Spring Boot & Spring MVC  
🔗 Microservices Architecture  
📄 PostgreSQL / MySQL  
🔗 REST & SOAP WebServices  
🔗 JPA / Hibernate  
⚡ JavaScript / AngularJS  
📁 Git / GitHub / GitLab  
📄 JIRA / Agile / Scrum  
🎮 C# / Unity / Unreal Engine  
☁ Cloud & API Integrations  
🏠 MVC Architecture  
🐳 Docker (Basics)  
🔒 Security & OAuth2

### LANGUAGES

GB English — Professional  
FR French — A2 (Learning)

### CERTIFICATIONS

🏆 Java Certified Developer  
📄 Android Development  
🎮 Unity Developer

### EDUCATION

🎓 **M.Sc. Game Design, VR**  
Mysore University, 2023–2025  
🎓 **B.Tech Information Technology**  
Rajasthan University, 2009–2013

### PROFESSIONAL SUMMARY

Senior Full Stack Java Developer with 7+ years of progressive experience designing and delivering mission-critical enterprise applications. Demonstrated expertise at the European Parliament and IBM in architecting high-performance RESTful APIs, Spring Boot microservices, and relational databases. Passionate about clean code, test-driven development, and delivering value in Agile teams. Actively expanding into metaverse and 3D application development with Unity & Unreal Engine.

### TECHNICAL SKILLS

Java 8/11/17/21	Spring Boot	Microservices	JPA/Hibernate
PostgreSQL	MySQL	REST APIs	SOAP/WebServices
JavaScript	AngularJS	NodeJS	jQuery/AJAX
Docker	GitHub/GitLab	JIRA	Agile/Scrum
C#	Unity	Unreal Engine	HTML/CSS
MVC Pattern	OAuth2/JWT	CI/CD	TDD

### PROFESSIONAL EXPERIENCE

#### Founder & Senior Java Consultant | **Andrianna Tech**

📍 Paris, France 📅 May 2026 – Present

- Founded an independent technology consultancy to deliver senior-level Java development, API architecture, and enterprise software solutions.
- Focused on Spring Boot microservices, RESTful API design, and full-stack Java consulting for clients across the Paris region and remotely.
- Launching client engagements — open to Java development contracts, technical consulting, and project-based collaborations.

#### Software Developer (Full Stack + 3D) | **Cobox Metaverse**

📍 Paris, France (Remote) 📅 Nov 2024 – Dec 2025

- Architect and deliver interactive web/mobile applications using C#, Unity, and Unreal Engine with focus on performance and cross-platform scalability.
- Design and implement backend API integrations and database management layers, reducing system latency by optimizing query execution pipelines.
- Drive real-time data processing and WebSocket communication features in collaboration with cross-functional teams.
- Optimize 3D asset pipelines and GPU resource management for web-based immersive applications.
- Apply Agile ceremonies (sprints, retrospectives) and use Git/GitHub for version control and CI/CD workflows.

#### Full Stack Java Consultant | **European Parliament**

📍 Brussels, Belgium 📅 Nov 2019 – Mar 2024

- Designed and developed secure, multilingual enterprise web applications using Java 8+, Spring Boot, PostgreSQL, and RESTful APIs serving thousands of Parliament staff.
- Architected scalable server-side MVC solutions integrating backend services with jQuery/AJAX-driven frontends, reducing page load times by 30%.
- Built and maintained REST and SOAP API integrations for inter-system data exchange across Parliamentary IT infrastructure.

- Led debugging, code optimization, and production incident resolution, maintaining 99.9% uptime for critical legislative applications.
- Authored technical documentation, led regression and UAT testing cycles, and coordinated deployments in a structured Agile environment.
- Mentored junior developers and conducted code reviews to enforce clean code standards and security best practices.

### Java Developer (Enterprise & Cloud) | IBM

 Bangalore, India  Aug 2015 – Jul 2018

- Contributed to large-scale Java EE enterprise solutions for global clients (AT&T, Prudential Financial) using Spring Boot, SQL, and WebServices.
- Developed and maintained backend microservices and cloud-integrated APIs, enabling seamless data exchange across distributed systems.
- Led production support and L2/L3 troubleshooting, maintaining high system reliability and SLA compliance.
- Collaborated on implementing microservices architecture patterns (service discovery, API gateways) to improve system modularity.

### Onboarding Specialist – HR Tech | IBM

 Bangalore, India  Jan 2014 – Jul 2015

- Automated HR onboarding workflows using enterprise systems, reducing manual processing time significantly.
- Coordinated with recruitment teams on compliance auditing and hiring workflow optimisation. Received client appreciation awards.

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## KEY PROJECTS

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### MSB – Language Interpreter Management [ *European Parliament* ]

Secure multilingual web application for managing interpreter tests and Parliament media files. Stack: Java Spring Boot, PostgreSQL, jQuery, AJAX. Implemented JWT-secured API integrations and database query optimisation for seamless multilingual data access.

### IPD Enovia PLM System [ *IBM / Enterprise* ]

Product Lifecycle Management system maintaining inventory and supplier records. Built backend logic and database structures using Core Java, MySQL, WebServices, and Enovia PLM, enhancing system efficiency through query optimisation and security hardening.

### Prudential Financial PASSPORT [ *IBM* ]

Financial processing automation platform reducing transaction errors and streamlining plan setup workflows. Delivered full-stack features using Java, Spring, WebServices, JavaScript, Struts, and Core Java 8.

### AT&T NGGN-I Order Processing [ *IBM / AT&T Global* ]

Mission-critical web-based order management system for AT&T global operations. Focused on Java backend, JSP, JDBC, PL/SQL, and enterprise-level database operations with full ownership of testing and production support.