

# Claude Houle

## Senior Java Developer & Backend Architect

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### PROFILE

Backend developer with 23+ years of experience building enterprise Java systems, microservices architectures, and high-throughput data platforms. Deep expertise in Spring ecosystem, database optimization, and distributed systems. Proven track record delivering mission-critical backends for financial services, travel, and manufacturing — with a focus on reliability, scalability, and team leadership.

### KEY ACCOMPLISHMENTS

- Architected and delivered the Ibiza travel platform rebuild at Accovia — Java/Spring/Hibernate backend serving major travel operators, delivered on time after critical client recovery
- Built backend services for 8D Technologies' Solstice platform — Java system processing real-time events from Bixi bike-sharing kiosks deployed across cities worldwide
- Designed backend architecture for CAE's pilot training platform at Spiria — Spring Boot APIs, data modeling, and integration strategies supporting aviation compliance requirements
- Built core infrastructure services at Mediagrif adopted across multiple e-commerce product teams — reusable data access layers, service components, and API patterns

### TECHNICAL SKILLS

#### Backend Expertise

Languages	Java (expert)	Kotlin	SQL	TypeScript	Python	
Frameworks	Spring Boot	Spring Security	Hibernate/JPA	REST APIs	Microservices	
Data	PostgreSQL	MySQL	Oracle	DB2	Redis	ActiveMQ

#### Architecture & DevOps

Architecture	Domain-Driven Design	CQRS	Event Sourcing	API Design	System Integration
CI/CD	Docker	Kubernetes	Jenkins	GitLab CI	GitHub Actions
Testing	JUnit	Mockito	Integration Testing	TDD	Contract Testing
Gen AI	Claude integration (code & test acceleration)				

#### Leadership & Methodologies

Leadership	Mentorship	Code Reviews	Technical Documentation	Onboarding
Methods	Agile (Scrum/Kanban)	TDD	Continuous Integration	
Spoken	French and English (fully bilingual)			

## PROFESSIONAL EXPERIENCE

<b>Poka Inc.</b> <i>Technical Architect</i>	2021 — Present
Technical architect for a connected worker platform serving 200,000+ DAU. Designed REST API contracts and data synchronization strategies bridging frontend and backend teams.	
<ul style="list-style-type: none"><li>- API Architecture: Designed REST API contracts enabling seamless interoperability between mobile clients and backend microservices — adopted as the standard across frontend and backend teams</li><li>- Cross-Team Standards: Established shared engineering standards, code review practices, and API conventions across frontend and backend development teams</li><li>- Data Synchronization: Architected data sync strategies for offline-first mobile clients — ensuring consistency and reliability across distributed services</li><li>- Team Onboarding: Trained 20 developers with custom curriculum covering architecture patterns and best practices — operational within 3 months</li></ul>	
<b>Appcom</b> <i>Lead Mobile Developer</i>	2019 — 2021
Led technical architecture and API integration across 15+ client projects in healthcare, media, and retail sectors.	
<ul style="list-style-type: none"><li>- Component Libraries: Designed shared component libraries and architectural patterns adopted across multiple project teams</li><li>- API Integration: Led integration efforts with various backend systems — established patterns for error handling, caching, and offline support</li><li>- Technical Mentorship: Coached developers through code reviews and knowledge-sharing sessions on architecture and design patterns</li></ul>	
<b>Spiria Digital</b> <i>Software Architect, Senior Developer</i>	2013 — 2019
Solution architect for enterprise client engagements. Led backend architecture design, API contracts, and data modeling for complex multi-tier systems.	
<ul style="list-style-type: none"><li>- CAE PreStudy: Designed backend architecture with Spring Boot, RESTful APIs, and data persistence layer for aviation pilot training</li><li>- Acosta SLTouch: Architected Node.js backend services and data aggregation pipelines for retail analytics platform</li><li>- Skillable: Delivered backend services for Progressive Web App micro-learning platform using TypeScript and Node.js</li><li>- Solution Architecture: Translated business requirements into API contracts, data models, and integration strategies</li></ul>	
<b>8D Technologies</b> <i>Back-End Java Developer → iOS Developer</i>	2009 — 2013
Backend engineer for urban mobility systems (Bixi). Built event-driven Java services processing real-time data from bike-sharing kiosks deployed across major cities.	
<ul style="list-style-type: none"><li>- Event-Driven Services: Built Java services for Solstice using event-driven architecture — real-time transaction processing, station state management, and availability APIs</li><li>- Data Pipelines: Designed high-throughput pipelines processing telemetry from solar-powered POS kiosks (London, NYC) — event sourcing for station state tracking and availability</li><li>- Full-Stack Transition: Transitioned to iOS development, bringing backend expertise that bridged system layers and improved API design</li></ul>	
<b>Accovia</b> <i>Back-End Java Developer — Architecture Team</i>	2007 — 2009
<ul style="list-style-type: none"><li>- Platform Rebuild: Rebuilt Ibiza travel platform with Java/Spring/Hibernate after critical client recovery — service architecture, data access patterns</li></ul>	
<b>Compuware Montreal</b> <i>Java Consultant (Morgan Stanley)</i>	2005 — 2007
<ul style="list-style-type: none"><li>- Mainframe Migration: Libra project — migrated COBOL batch processing and data pipelines to Java/DB2 with event-driven integration patterns; financial compliance, globally distributed team</li></ul>	
<b>Mediagridf</b> <i>Java Developer — Infrastructure Team</i>	2003 — 2005
<ul style="list-style-type: none"><li>- Core Services: Built core backend services and shared infrastructure patterns adopted by multiple e-commerce product teams</li></ul>	

## EDUCATION

<b>Computer Science Technology</b>	Cégep Édouard-Montpetit, Longueuil, QC	2003
Three-year practice-oriented diploma covering C, C++, Java, SQL, Linux, and applied computing.		
<i>Capstone project: End-to-end development of an e-commerce website for an SMB.</i>		