

# MICHAEL PAQUETTE

## Senior Software Engineer

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📍 Montreal, QC

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Senior Full Stack Software Engineer with over 20 years of experience delivering customer-facing web applications and platforms. I simplify love finding the right solution for the right problem and building software with proactive ownership in a high-performing team.

Brings strong technical leadership, an entrepreneurial ownership mindset, and an AI-augmented approach to problem-solving, seeking a senior software engineer or full-stack role where I can deliver scalable solutions and create significant business value in collaborative, product-driven teams.

## SKILLS

- Languages: Java, Kotlin, JavaScript, TypeScript, Python, Rust, Ruby, Swift
- Frameworks and libraries: Spring Boot, Spring MVC, Spring Batch, jOOQ, React, Remix, Next.js, Node.js, Express, Tailwind CSS
- Databases and data: PostgreSQL, Cassandra, Kafka, MongoDB, Elasticsearch, JPA/Hibernate
- Frontend and mobile: React, Remix, Next.js, Tailwind CSS, SwiftUI
- Cloud and DevOps: AWS (EC2, S3, RDS, Lambda, Cognito), Docker, Jenkins
- APIs and integration: REST, GraphQL, OAuth2, JWT
- Tools: Jetty, Tomcat, Sentry, Flyway, Agile/Scrum, Git

## EXPERIENCE

### Founder & Senior Full Stack Engineer

refundr inc.

Oct 2021 – Present

Montreal, QC

- Designed, launched and completed building a SaaS platform that streamlines tax season operations for consultants, achieving 20% revenue savings across offices by automating document exchange, real-time tracking, and digital signatures.
- Scaled the platform to 4,000+ onboarded clients, 4,500+ tax returns processed, 35,000+ documents stored, and 15,000+ messages, while owning all aspects of support, logging, and intelligent exception handling - refundr.ca and dashboard.refundr.ca.
- Prioritized high-impact features based on client needs, business value, and technical feasibility, ensuring strong product-market fit and maximum return on development effort.
- Developed and iterated on two production-ready web applications with robust REST API backends and a dedicated OAuth tokens API layer for enhanced security and separation of concerns.
- Tech Stack: Java 20, Jetty, JOOQ, Remix/React, TypeScript, Tailwind CSS, PostgreSQL, GraphQL, Stripe, AWS

### Consultant Work

Forma.ai and Soulbound Inc

Feb 2022 – Nov 2023

Montreal, QC

- Contracted on 2 successfully senior engagements, leading full-stack development initiatives from architecture through production delivery. 0 -> 1.
- Led team of 5 developers from Figma designs to production, delivering a complete gamer profile and rewards platform for Soulbound Inc.
- Designed and built the company's first web application and backend API from idea to production, enabling new digital capabilities for the business for SeaMonster Inc.

### Senior Software Engineer

Expedia Group

Sep 2011 – Dec 2021

Montreal, QC

- Led development of a multilingual property and room content generation system across 40+ languages for 100,000+ hotels powering content for brands like hotels.com and Travelocity.
- Designed and delivered multiple large-scale platforms including Property Assemblers, Media Platform, and Vacation Package Wizard, resulting in improved content quality and operational efficiency.
- Collaborated with cross-functional teams to implement real-time data pipelines using Kafka and Cassandra, enhancing data accuracy and scalability across the Expedia ecosystem.
- Tech Stack: Java 8/11, Kotlin, Spring Boot, Spring Batch, Cassandra, Kafka, React, AWS, Elasticsearch

### Senior Full Stack Java Developer

Air Canada Vacations

Mar 2007 – Sep 2011

Montreal, QC

- Designed and implemented the company's first credit card payment gateway, successfully processing up to \$1 million in daily transactions with high reliability.
- Led full-stack development of aircanadavacations.com from CMS integration through production, including caching solutions and performance optimization that ensured site stability during peak holiday periods.

- Launched the website's first car rental booking feature end-to-end, increasing product offerings and improving customer experience.
- Tech Stack: Java, Spring MVC, JSP, jQuery, Hibernate, IBM Integration

### **Full Stack Java Developer**

Oct 2002 – Apr 2007

Conceptis / WebMD

Montreal, QC

- Played pivotal role in building theheart.org, a pioneering real-time medical education platform with near real-time webinar capabilities, helping grow the startup to a \$22 million acquisition by WebMD.
- Developed full-stack features and reusable templates that supported the successful launch of seven additional medical education websites.
- Responsible for a small agile team managing end-to-end development across frontend, backend, and database layers, delivering high-quality CME-certified content platforms.
- Tech Stack: Java, Struts, JSP, JavaScript, CSS, Tomcat

## **EDUCATION**

### **Certification in Computer Science**

John Abbott College, Montreal

### **Diploma in Mechanical Engineering**

St. Clair College, Windsor, ON