

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 simply love finding the right solution for the right problem and take pride and ownership in building software that does not break at 3:00 am.

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 SeaMonster Inc. now Forma.ai

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 eventually consistent real-time data pipelines using Kafka and Cassandra, ensuring data accuracy and high-throughput scalability.
- 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, implementing idempotent transaction processing and strict fault-tolerant state management to safely handle up to \$1 million in daily transactions.
- 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

ACCOMPLISHMENTS

7-Year Reservist with The Windsor Regiment, Canadian Armed Forces