

# Michael Brazeau

Senior Software Engineer

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## Technical Skills

Java, Node.js, TypeScript, C#, AWS, Docker, Kubernetes, SQL, Spring Boot, Microservices, SaaS, REST APIs, Agile, Git

## Professional Experience

### Senior Software Engineer [Alkami Technology](#)

Mar 2025 – Present

- Lead banking core integrations and client onboarding systems post-acquisition of MANTL.
- Contributed to platform modernization and technology stack integration.
- Collaborated with cross-functional teams to deliver scalable SaaS solutions for financial institutions.
- Mentored junior engineers and participated in architectural design reviews.

### L3 Software Engineer [MANTL](#)

Sep 2024 – Mar 2025

- Onboarded new clients and built connections for MANTL's systems to major banking cores (Fiserv, Jack Henry, Miser).
- Developed SaaS banking integration solutions and scalable microservices in Node.js/TypeScript.
- Enabled seamless data flow and transaction processing for banks and credit unions.
- Implemented robust API integrations and contributed to platform reliability.
- Worked with PostgreSQL and NestJS to build enterprise-grade banking solutions.

### Software Engineer II [Expedia Group](#)

Apr 2022 – Aug 2024

- Developed APIs and services exposing payment data to 40,000+ VRBO partners (300,000+ requests/day).
- Led Java 8→21 migration, reducing vulnerabilities by 92% and improving system reliability.
- Refactored tax form system, reducing support engagement by 90% and saving \$100k/year.
- Migrated EFT payment system to Dockerized AWS ECS apps, settling \$10M+/month.
- Built and presented a Postman Collection Runner tool adopted by multiple developer teams.
- Served as team Scrum Master and mentored new engineers.
- Led migration and knowledge transfer sessions for tax form-related services.
- Participated in "Center of Excellence" design reviews and incident reviews.

### Software Engineer I [Expedia Group](#)

Jan 2021 – Apr 2022

- Developed API for Mexico withholding tax, processing tax for 10,000+ partners and issuing 2,000+ certificates/month.
- Promoted after 1 year for project delivery and cross-team collaboration.
- Supported and enhanced payment and compliance systems for VRBO partners.
- Worked with Apache Kafka, AWS, and Spring Boot to build scalable payment solutions.

### Software Engineer Intern [Expedia Group](#)

Jun 2020 – Aug 2020

- Designed and deployed a microservice for VRBO payments team to automate validations and database queries.
- Created a three-layered test app with a custom React UI, Dropwizard backend, and MySQL server.
- Performed analysis of pricing models for future unit pricing and algorithm optimization.

## Selected Project

### MORFOSI – Indie Horror Game [UniDot Studios \(Co-Founder\)](#)

- Capstone project developed and released on itch.io (English & Chinese); led engine, AI, and systems development.
- Showcased at SGDA Student Games 2020 (2nd Place, EECS 494); included in the Bundle for Racial Justice and Equality.
- Managed project from concept to release, including DevOps, QA, and community engagement.
- Featured in YouTube "Let's Play" videos (one with ~300k views).

## Education

### B.S. Computer Science [University of Michigan, 2017–2020, GPA: 3.2](#)

- Completed upper-level courses in web design, AI (machine vision), and game design.