Shane Schmaltz

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PROFESSIONAL SUMMARY

Staff-level Software Engineer with nearly a decade of experience building and scaling fintech and SaaS solutions from the ground up - both at pre-IPO startups and rapidly growing organizations. Adept in full-stack development, modern architectures, and leading cross-functional teams through complex technical initiatives. Consistently delivers measurable impact through optimized performance, robust architecture, and effective team mentorship.

WORK EXPERIENCE

Boulevard – Remote (Calgary, AB, Canada)

Staff Software Engineer (Payments Team Lead)   *Aug 2024 – Present*

Tech: **Elixir, GraphQL, TypeScript, React, AWS**

- Lead of the FinTech/Payments team supporting multi-million-dollar daily transaction volumes, fostering high-quality engineering practices and on-time deliveries.
- Primarily responsible for technical scoping of features and projects, close collaboration with product + design + marketing and directly shaping architecture decisions for the team.
- Managing partner relationships and streamlining stakeholder communication,
- Managing five engineers as direct reports through 1 on 1s, mentorship, code reviews, and best practices, while contributing directly to key feature development. Maintaining + improving team morale and motivation.

Jobber – Remote (Calgary, AB, Canada)

Staff Software Engineer (Invoicing Tech Lead)   *May 2023 – Aug 2024 (~1.5 years)*

Tech: **TypeScript, React/React Native, Ruby on Rails, GraphQL, Stripe, AWS**

- Developed and improved resilient systems supporting multi-billion-dollar annual volumes via ACH and credit card transactions.
- Established a structured product planning and ticketing process, ensuring clear requirements before development and reducing rework.
- Implemented proactive release monitoring alerts, enabling developers to assess and address deployment-related issues quickly.
- Integrated direct ACH capabilities, increasing customer confidence and attracting larger enterprise clientele.

Neo Financial – Calgary, AB, Canada

Staff Software Engineer (Rewards/Cards Team Lead)   *Oct 2019 – May 2023 (~3.7 years)*

Tech: **TypeScript, GraphQL, MongoDB, Serverless, Terraform, AWS**

- Architected an in-house payment processor integrated with major card networks, managing card issuance, replacement, activation, and sophisticated reward systems for over a million users.
- Deployed a real-time, feature-rich rewards engine that significantly differentiated Neo in the market and supported its core value proposition.
- Optimized critical pages from ~5s down to ~400ms load times, enhancing user engagement and satisfaction.
- Mentored multiple engineers from senior to team lead, scaling organizational leadership capacity during rapid growth.

Osperity – Calgary, AB, Canada

Senior Software Engineer   *Mar 2019 - Oct 2019 (~8 months)*

Tech: **Ember.js**

- Served as the primary frontend engineer for a SaaS smart-camera platform, delivering pixel-perfect UIs from high-fidelity designs.
- Worked closely with a small, agile team to meet strict timelines while maintaining high code quality and performance standards.

Replicon – Calgary, AB, Canada
Software Engineer   *May 2015 - Mar 2019 (~3.8 years)*
Tech: **Kotlin, JavaScript (Node.js, React.js), GraphQL, DynamoDB, Kafka**
- Progressed from a test-focused role to an intermediate software engineering position, swiftly adopting modern technologies (GraphQL, React, Kotlin) as they gained industry traction.
- Contributed to full-stack feature development in a fast-paced environment, ensuring stable, performant releases for enterprise customers.

SKILLS

Languages & Frameworks: TypeScript, JavaScript, Elixir, Ruby/Rails, Node.js, React, Ember, NestJS, Next.js
APIs & Data: GraphQL, REST, MongoDB, PostgreSQL, DynamoDB
Cloud & Infra: AWS (Lambda, S3, SNS/SQS, ECS, Fargate, CodePipeline, DynamoDB, KMS), Terraform, Serverless
Architectures: Event-Driven, Microservices, Serverless, Monolithic
Additional Expertise: Software design & architecture, technical scoping, CI/CD, infrastructure as code, API design, team leadership & mentorship, recruiting, agile methodologies.

EDUCATION

University of Calgary – Calgary, AB, Canada
Bachelor of Science in Computer Science, May 2015
GPA 3.5/4.0

PROJECTS

Music Practice Tracker App – https://practicepal.app
- Provides data-driven insights into practice habits to help musicians improve over time.

Workout Organization App – https://fitnessfam.app
- Organizes workout routines and progress tracking, fostering accountability and consistency.

Text-my-wife
- Leverages AWS Lambda for scheduled SMS messages, showcasing event-driven automation and personal problem-solving skills.