

Andrei Agmata

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EDUCATION

Seneca College

Computer Programming and Analysis - Advanced Co-op Diploma

Toronto, ON

Sep. 2020 – Dec. 2023

EXPERIENCE

Full Stack Developer Jun. 2025 – Present

Molaris AI Inc.

Montreal, QC

- Developed and supported a web portal serving thousands of dental clinics for processing dental lab orders, handling high transaction volumes with React frontend and AWS serverless architecture (Lambda, DynamoDB).
- Designed and launched a custom end-to-end e-commerce platform for a client's dental lab product line, owning complete implementation from cloud infrastructure to production rollout.
- Architected real-time Shopify integration processing external store orders into internal systems, successfully deployed at ComplexCon 2025 using event-driven AWS services (Lambda, SQS, DynamoDB).
- Thrived in agile startup environment with minimal supervision, making autonomous technical decisions, rapidly shipping features, and adapting to evolving priorities across DevOps and customer delivery.
- Delivered complete feature sets independently from conception to production, balancing velocity with quality while navigating shifting business requirements and stakeholder demands.

Full Stack Developer Jun. 2024 – Jun. 2025

DriverCheck Inc.

Toronto, ON

- Built and maintained features for a high-volume SaaS web app supporting 1,000+ monthly lab and occupational health testing bookings across sectors like transportation and oil & gas.
- Developed backend APIs using Java Spring / Spring Boot, MongoDB, and Redis, implementing business logic and ensuring reliability through unit tests with Mockito and PowerMockito.
- Engineered client-facing interfaces with Angular and internal staff tools with React, leveraging Zustand for state management and Material UI for design consistency.
- Wrote comprehensive frontend unit tests with Jest, improving test coverage and catching regressions early in the development lifecycle.
- Migrated 50,000+ records from a legacy system, designing matching algorithms to ensure accurate data mapping and improved processing efficiency.

Full Stack Developer Jan. 2023 – May. 2024

Freelance

Toronto, ON

- Developed custom e-commerce and marketing platforms for clients in industries such as beauty and fashion.
- Integrated headless CMSs like Shopify and WordPress with custom-built React and Next.js storefronts.
- Built a custom Java Spring / Spring Boot backend for clients requiring more advanced functionality, implementing OAuth 2.0 authentication and integrating Stripe for secure payment processing.
- Designed responsive, modern user interfaces with HTML, CSS, Tailwind, GSAP, and Lottie to enhance user engagement and visual appeal.
- Applied WCAG guidelines and accessibility best practices to ensure inclusive and compliant user experiences across all platforms.

Infrastructure Analyst Jan. 2023 – Dec. 2023

Canada Revenue Agency

Toronto, ON

- Provided technical support for hardware, software, and network issues via phone, chat, email, and remote tools.
- Troubleshoot Office 365, VPN, Active Directory groups, shared drives, and distribution lists, ensuring timely resolution and professional communication.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, HTML, CSS, SCSS, C, C++, Python, Swift

Libraries & Frameworks: React, React Native, Angular, Redux, Zustand, Next.js, Node.js, Express.js, Spring Boot, Tailwind, Bootstrap, MUI / Material UI, Chakra

Databases & Data Management: MongoDB, PostgreSQL, SQLite, Firebase, GraphQL, Prisma ORM, Studio 3T

DevOps & Cloud: Docker, GitHub Actions, AWS, Azure

Testing & QA: Mockito, Power Mockito, Jest, Cypress

Tools: VS Code, Git, GitHub, Jira, Figma, Adobe XD, Microsoft 365

PROJECTS

Stampd | *Next.js, React, React Native, Expo, Typescript, HTML, CSS, SASS, Bootstrap, MongoDB, GSAP*

- A platform that replaces traditional stamping and Buy X, Get Y cards using a web-based and native application.

The Blink Bar | *Next.js, React, Typescript, HTML, CSS, Tailwind CSS, GSAP*

- A full-stack e-commerce and appointment management app built using Next.js and its serverless API functionality and Stripe for seamless payment transactions.

In'Form | *Typescript, HTML, CSS, Tailwind CSS, GSAP*

- A UI/UX concept turned into a production-ready digital furniture brochure featuring modern animations and interactive user experiences.