Andrei Agmata

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EDUCATION

Seneca College   Toronto, ON
Computer Programming and Analysis - Advance Co-op Diploma   *Sep. 2020 – Dec. 2023*

EXPERIENCE

Software Developer - Contract   June. 2024 – May. 2025
DriverCheck Inc.   *Toronto, ON*
- Developed features for high-volume, commercial-grade web application managing laboratory, drug, and occupational health testing services processing 1000+ monthly bookings for transportation, oil & gas, and other industries across Canada
- Implemented full-stack solutions utilizing Java for backend development with Angular and React for responsive frontend interfaces
- Played a pivotal role in the upgrade of a client-facing booking platform by developing a comprehensive calendar application with React and Next.js, implementing real-time availability management for testing sites that seamlessly integrated with the existing staff-facing booking management application
- Contributed to a large-scale migration project from a legacy occupational health testing platform by transferring over 50,000 records and designing matching algorithms for tests, participants, and companies—resulting in a 50%+ reduction in processing time while preserving data accuracy
- Collaborated in a team of 5 developers, actively participating in daily scrums, sprint planning, and estimation meetings; voiced technical concerns and contributed to discussions to shape project direction and improve implementation strategies

Full Stack Developer   Dec. 2023 – May 2023
Freelance   *Toronto, ON*
- Built custom e-commerce and marketing platforms for clients in a variety of industries including beauty, fashion, and sports
- Integrated popular headless CMSs such as Shopify, Wordpress and Sanity with self-developed storefronts that are built using Next.js and React
- Engineered server-less functions using Typescript and GraphQL to handle queries and mutations, efficiently delivering updated data to customers
- Designed engaging and modern UIs using HTML, vanilla CSS, and Tailwind CSS along with custom animations using GSAP and Lottie

Infrastructure Analyst   Jan. 2023 – Dec. 2023
Canada Revenue Agency   *Toronto, ON*
- Delivered comprehensive technical support for hardware, software and network-related issues to clients via phone, chat, email, and remote connection
- Efficiently triaged and resolved an average of 50+ tickets daily through internal ticketing systems, encompassing hardware/software deployment, user access management and account management
- Played a pivotal role in the user on-boarding and off-boarding process through the creation, provisioning, transferring, altering and de-provisioning of employee accounts using Active Directory and internal software
- Expertly managed remote troubleshooting and resolution of client issues with Office365 applications, distribution lists, accounts, VPN and shared drives, ensuring professional communication throughout the process

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Dojo, HTML, CSS/SCSS, C/C++, Swift
Frameworks: React, Next.js, React Native, Node.js, Express.js, Tailwind CSS, Bootstrap
Data Management: MongoDB, PostgreSQL, SQLite, Firebase, GraphQL, Prisma ORM, Studio3T
DevOps: Jest, Docker, Github Actions, AWS
CMS: Shopify, Wordpress, Payload CMS, Sanity
Tools: VS Code, Git/Github, Jira, Figma, Adobe Suite, Microsoft 365

PROJECTS

The Blink Bar | *Next.js, React, Typescript, HTML, CSS, Tailwind CSS, GSAP*
- Developed a custom e-commerce infrastructure for a client in the beauty industry
- Utilized Shopify's headless CMS to handle the management of products, orders and customers
- Engineered an efficient backend to handle queries and mutations between the storefront and the database using GraphQL and Typescript
- Integrated the business's old booking system from a different provider into Shopify to centralize the business's POS and management
- Designed a dynamic and engaging UI, complying with the client's requests ensuring optimal user experience using Next's server side rendering and streaming capabilities

Stampd | *Next.js, React, Javascript, Html, CSS, SASS, Bootstrap, MongoDB, GSAP*
- Self developed a web application that replaces traditional Buy X, Get Y cards currently used by 5 local businesses
- Optimized performance by building the app using Next.js and employing its Server Side Rendering Capabilities
- Implemented serverless functions that integrate with MongoDB to ensure efficient data management
- Designed a web console, dashboard, and intuitive card editor empowering businesses to create personalized loyalty cards effortlessly

Stampd Native | *Next.js, React, Javascript, Html, CSS, SASS, Bootstrap, MongoDB, GSAP*
- Engineered a React Native-based application gaining a strong presence of 100+ users on App Store and Google Play
- Designed a quick card and stamp addition feature via QR Code scanning, enhancing user convenience and engagement
- Developed a robust backend with Node.js and Express.js, seamlessly integrated with MongoDB for efficient data handling
- Balanced user-friendly accessibility and functionality, ensuring an intuitive and efficient design for optimal user satisfaction

SKNZ | *Next.js, React, Typescript, PostgreSQL, Prisma ORM, Context API, Tailwind CSS*
- Spearheaded the development of an e-commerce website utilizing Next.js, React.js, and PostgreSQL
- Crafted a modern UI using Shadcn's UI Components, ensuring compatibility across all screen sizes
- Implemented Context API for seamless state management and interaction across components, enhancing user experience
- Utilized Prisma ORM for nested queries, streamlined interactions and data management with PostgreSQL database

Fragments | *Node.js, Express.js, Jest, Github Actions, Docker, AWS*
- Engineered a robust microservice application tailored for text and image fragments for a mock company
- Leveraged Amazon Web Services including AWS Amplify, Cognito, EC2, S3, and DynamoDB for scalability and reliability
- Developed a highly scalable backend using Node.js and Express.js. Performed unit and integration tests using Jest and dockerized the micro-service with Docker for streamlined deployment
- Implemented CI/CD pipelines to automate testing, deployment, and continuous integration, ensuring efficient development workflows

Mentor Match | *React.js, Javascript, MongoDB, SASS, Bootstrap, Node.js, Express.js, JWT, Passport.js, MongoDB*
- Collaborated with a team of 4 students to develop a SAAS platform that connects Seneca students with tutors
- Led 2 students to conceptualize, build, and design a user-friendly and cohesive front-end
- Contributed in developing a highly scalable and efficient back-end with Node.js and Express.js
- Built a real-time chat feature using firebase to handle communication between tutors and students
- Integrated Stripe.js to facilitate mock payments and transactions between mentors and students

In'Form | *Typescript, HTML, CSS, Tailwind CSS, GSAP*
- Translated a UI/UX concept into a production-ready digital brochure of curated furniture
- Utilized custom fonts to match the typography and layout of the Figma wireframes
- Meticulously wrote CSS styling and layouts using Grid and Bootstrap to measure up with the design concept and adapt to all screen sizes
- Developed custom animations like scroll triggers, smooth scrolling, page scrolling and parallax using Greensock