Andrei Agmata

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EDUCATION

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

EXPERIENCE

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
- Documented all work to an excellent standard and followed up with clients to confirm incident resolution.
- Collaborated with cross-functional teams and maintained strict confidentiality while handling sensitive and personal data, ensuring compliance with data security and privacy regulations

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, HTML, CSS/SCSS, C/C++, Java, Swift
Frameworks: React, Next.js, React Native, Node.js, Express.js, Tailwind CSS, Bootstrap 5
Data Management: MongoDB, PostgreSQL, SQLite, Firbase, GraphQL, Prisma ORM
DevOps: Jest, Docker, Github Actions, AWS
CMS: Shopify, Wordpress, Payload CMS, Sanity
Tools: VS Code, Git/Github, Figma, Adobe Suite, Microsoft 365

PROJECTS

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 automotive 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 ccurated furrniture.
- Utilized custom fonts to match the typography and layout of the Figma wireframes.
- Meticulously wrote CSS styling and layouts using Grid andd 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.

The Blink Bar | *Next.js, React, Typescript, GraphQL, MySQL, 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.
- Developed scalable and highly efficient serverless functions with Typescript and GraphQL to facilitate interactions between and MySQL database and the front-end of the platform.
- Designed the UI/UX to the client's requests and ensured optimal user experience using Next's server side rendering and streaming capabilities.