

Andrei Agmata

Web Developer

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Languages

Javascript CSS/SCSS
Typescript C/C++
PHP Java
HTML Swift

Frameworks & Libraries

React.js Express.js
Next.js Tailwind CSS
React Native Bootstrap 5
Node.js Jest

Data Management

MongoDB GraphQL
PostgreSQL Prisma ORM
MySQL
Firebase

CMS

Payload CMS
Wordpress
Shopify

Toolkit

VSCode
Git/Github
Figma
Adobe Suite

Skills and Attributes

Test Driven Development
Responsive UI/UX Design
SEO Analytics
Can-Do Attitude

Projects

Stampd | Modern loyalty cards solution

Next.js, React.js, Javascript, Html, CSS, SASS, GSAP, React Bootstrap, NextAuth, JWT, MongoDB

- Self developed a web application that replaces traditional Buy X, Get Y cards.
- 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 | A native application for Stampd users

React Native, Javascript, Node.js, Express.js, JWT, MongoDB

- Engineered a **React Native**-based application with 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 | An e-commerce platform for custom card vinyl skins

Next.js, React.js, Typescript, PostgreSQL, Context API, Tailwind CSS

- Spearheaded the development of a **full-stack e-commerce** website utilizing **Next.js**, **React.js**, and **PostgreSQL**.
- Crafted a sleek and contemporary 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.

MentorMatch | A full-stack tutoring application

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.

Fragments | A cloud based microservice application

Node.js, Express.js, Docker, AWS, HTML, Javascript, CSS

- 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**. Designed unit and integration tests using **Jest**, dockerized with **Docker** for streamlined deployment.
- Implemented **CI/CD** pipelines to automate **testing**, **deployment**, and **continuous integration**, ensuring efficient development workflows.

Experience

Canada Revenue Agency | Infrastructure Support Analyst

January 2023 - December 2023

- Logged, monitored, investigated and resolved reported requests
- Administered and issued user ID's, user profiles and security passwords
- Ensured that security policies, standards and procedures are followed and understood.

Education

Seneca College | Computer Programming and Analysis - Advance Co-op Diploma

September 2020 - December 2023

References Available Upon Request