

Andrei Agmata

Web Developer

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Languages

Javascript C/C++/C#
Typescript Java
CSS/SASS
HTML

Libraries

React.js Express.js
Next.js GSAP
Tailwind Node.js
Bootstrap React Native

Data Management

MongoDB
Firebase
PostgreSQL
Prisma ORM

Toolkit

VSCode
Git & Github
Figma
Adobe Suite

Projects

Stampd | Modern loyalty cards solution

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

- A web application that replaces traditional Buy X, Get Y cards.
- Built using **Next.js**, leveraging its **server-side rendering** capabilities for optimal user experience.
- Self developed serverless functions that integrate with **MongoDB**.
- Features a web console, dashboard, and a card editor that allows business owners to create custom loyalty cards for customers.

Stampd Native | A native application for Stampd users

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

- **React Native** based application with active users on **App Store** and **Google Play**.
- Allows users to swiftly add cards and stamps by scanning **QR Codes**.
- Runs on a **Node** and **Express** backend that seamlessly integrates with **MongoDB**.
- Intuitive and efficient design that maintains a balance between **user-friendly accessibility** and **robust functionality**.

SKNZ | An e-commerce platform for custom card vinyl skins

Next.js, React.js, Typescript, PostgreSQL, Redux, Tailwind CSS

- **Full Stack** e-commerce website developed using **Next.js**. Utilizes the framework's serverless **API routes** to handle **CRUD operations**.
- Crafted a **sleek** and **contemporary** UI using Shadcn's UI Components. **Adapts to all screen sizes** for **optimal user experience**.
- Integrated **Context API** to efficiently manage and synchronize **application state**, ensuring seamless interactions across components.
- Used **Prisma** to facilitate interactions and manage data with the **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

- Robust platform tailored to handle text and image fragments for a mock automotive company.
- Utilizes a vast array of **Amazon Web Services** such as **AWS Amplify, Cognito, EC2, S3, and DynamoDB**.
- Engineered a **highly scalable** and efficient backend using **Node** and **Express**, dockerized with **Docker**.
- Integrated **Stripe.js** to facilitate mock payments and transactions between mentors and students.

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

- Graduated with honours

References Available Upon Request