

Iana Sanduta

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Education

Ensign College – Bachelor of Science in Software Engineering

July 2024

Experience

Software Engineer, VIUS BUILT – Park City, UT

Jan 2024 – present

- Designed and scaled a comprehensive project management platform for builders using Next.js, TypeScript, and Tailwind CSS
- Implemented server-side rendering (SSR) and performance optimizations, resulting in improved page load times and SEO
- Integrated Supabase for data management and secure authentication, ensuring efficient data handling
- Designed and built a robust custom API with RESTful endpoints that handle complex data operations
- Implemented CI/CD pipelines to optimize the deployment process, achieving continuous integration
- Implemented performance monitoring and optimization strategies to ensure scalability as user base grew
- Created an intuitive UI/UX from concept to implementation using Figma, incorporating responsive design principles

Software Engineer, Sorenson Communications – Salt Lake City, UT

Aug 2022 – Aug 2023

- Designed and managed a web app to determine whether a user is within the geofencing area using related APIs, Next.js, and Tailwind CSS to enhance communication for the deaf customers
- Managed the development of both new features and ongoing maintenance tasks for a PC Video Relay Service (VRS) application for deaf customers
- Collaborated within a C++/C# codebase, using the Windows Presentation Foundation (WPF)
- Successfully debugged and resolved software defects, leading to improved application performance
- Actively participated in end-to-end application development, from concept to deployment

Computer Science TA, Ensign College – Salt Lake City, UT

Aug 2023 – Dec 2023

- Created a Next.js website with the integration of Supabase and deployed it on Netlify
- Utilizing Brightspot to enhance and edit the website of College ensign.edu
- Mentoring computer science students in programming and data structures
- Developing a React Native mobile application with Expo and Bluetooth Low Energy (BLE) integration

Associate IT & Cyber Security Lab Manager, Ensign College – Salt Lake City, UT

Sept 2021 – July 2022

- Implemented monitoring infrastructure using Grafana, Telegraf, and InfluxDB to collect lab activity data
- Achieved a 35% efficiency improvement through rigorous software testing, defect correction, and process documentation
- Managed the hardware infrastructure of the server lab, ensuring robust support for online classes

Projects

Survival-Admin-Portal

<https://github.com/Ensign-College/survival-admin-portal>

- Created a website for the school's internal service with Next.js, Supabase and deployed on Netlify

Skills

Languages & Frameworks: TypeScript, Next.js, Dart, C#, Java, Python, JavaScript, React.js, Flutter

Developer Tools & Web Technologies: Git, Linux, Docker, AWS, DigitalOcean RESTful APIs