

Vincent Minicozzi

Full Stack Developer | Software Engineer

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TECHNICAL SKILLS

Frontend: Next.js, React.js, React Native, Redux, JavaScript, HTML, Tailwind, CSS, Three.js, TypeScript

Backend: Node.js, Express, SQL, PostgreSQL, Python, Ruby on Rails, MongoDB, Firebase, AWS, Java

DevOps & Tools: Agile Project Management, Kubernetes, Docker, CI/CD, Git, Jest, Cypress

Additional: Front-End Architecture, Performance Optimization, Web Security, Responsive Design, UX/UI Collaboration

EXPERIENCE

Software Engineer

2022 - 2024

Hello Home

- Designed and optimized database schemas, resulting in a 30% improvement in data retrieval speeds and supporting scalable user growth.
- Built a secure and scalable backend system using Next.js 13 and MongoDB, enabling seamless navigation and robust user experiences for over 10,000 active users.
- Implemented user authentication with NextAuth, ensuring quick and secure access for users while maintaining data integrity.
- Integrated Stripe for online payment processing, facilitating over \$500K in secure transactions annually and improving payment reliability.
- Utilized Tailwind CSS to design and style the user interface, creating a visually appealing and user-friendly experience for customers.
- Developed an appointment grid using React Table, enabling admin users to efficiently manage and update appointments, reducing administrative overhead by 15 hours/month.

Project Manager

2021 - 2022

Set In Stone

- Successfully managed client relationships, ensured client satisfaction, and served as a point of contact for client inquiries and requests.
- Oversaw financial operations, including billing, invoicing, accounts receivable/payable, financial reporting, ensuring financial efficiency and compliance with accounting standards.
- Implemented budgeting strategies that reduced project costs by 15% while maintaining high-quality service delivery.
- Effectively balanced client needs with financial considerations, contributing to the successful completion of 10+ projects and maintaining strong financial performance for the company.

PROJECTS

BookMate - Solo Project - React Native, Firebase, Redux

Provides a platform for users to connect with others interested in starting book clubs or finding book partners.

- Integrated the Google Books API to access book titles and populate the database with relevant information.
- Implemented features allowing users to create posts, react to posts, and request to join book clubs or find book partners.
- Facilitated communication between users through an in-app messaging system, enabling coordination for group activities and discussions.
- Ensured data security and scalability by leveraging Firebase for real-time database management and user authentication.

Scheduling Software - Solo Project - MongoDB, Next.js, Typescript, Tailwind CSS

[Live](#) | [GitHub Repo](#)

Provides a platform for employees to submit availability and actively check schedules. Admin side handles managing the calendar.

- Integrated the Full Calendar API to display active events, accurate dates, and seamless display of calendar.
- Implemented features allowing admin to approve employees for shifts based on their submissions and add new shifts.
- 20 employees utilize the platform monthly to submit availability and manage shift requirements, resulting in overall reduction in scheduling conflicts and an increase in scheduling efficiency.

SoundSpace - Group Project - MERN (MongoDB, Express.js, React.js, Node.js)

[Live](#) | [GitHub Repo](#)

Provides a platform for artists with a grassroots following to showcase their music and facilitate the expansion of their fanbase, users can upload tracks, provide comments, give likes and repost.

- Led frontend development of "SoundSpace" using MERN stack, employing React for dynamic UI and MongoDB for efficient data management.
- Skillfully integrated Amazon S3 for multimedia storage, enabling seamless upload and access of tracks and images on the platform
- Crafted captivating user interfaces with React, optimizing user experience through responsive design, RESTful API interaction, and CSS preprocessing.

Support Help Desk - Solo Project - MongoDB, Next.js, TypeScript, Tailwind CSS

[Live](#) | [GitHub Repo](#)

Allows users to submit a support ticket, and the admin panel can access each support ticket and make changes.

- Developed a seamless form function for handling support ticket creation.
- Implemented an admin panel enabling access to individual support tickets for updates, deletion, and responses.
- Added functionality to search tickets by status, name, or email.
- Designed a mobile-friendly interface using card layouts instead of a traditional tabular design that was available on the desktop version.

GrubHubby - Solo Project - PRR (PostgreSQL, Ruby on Rails, React)

[Live](#) | [GitHub Repo](#)

Clone of GrubHub

- Developed an innovative food service app featuring an extensive list of restaurants and their menus available for purchase.
- Implemented a robust search engine with autofill functionality, streamlining restaurant suggestions from existing data.
- Created an intuitive restaurant filtering system, allowing users to refine choices by cuisine type and category.
- Organized restaurant recommendations based on the current restaurant's category.
- Ensured security with a reliable user authentication system using Bcrypt to hash and salt passwords.

CERTIFICATIONS

J.P. Morgan Software Engineering Virtual Experience on Forage - August 2024

- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Citi ICG Technology Software Development Job Simulation on Forage - August 2024

- Completed a job simulation involving hypothetical tasks to improve Citi's loan management system and stock market risk reporting
- Created a state diagram of the loan management process using the Unified Modeling Language (UML)
- Researched potential machine learning systems to assess credit risk and provided recommendations for next steps
- Used Java to build an internal tool visualizing stock market risk in real time

EDUCATION

Binghamton University, Bachelor of Arts in Computer Science

2021