DANIEL MICHAEL

danielmichaeldev2024@gmail.com • (516) 962-1377 • LinkedIn • Website

SKILLS

Languages: HTML, CSS, JavaScript, Ruby.
Libraries: React, Mongoose.
Frameworks: Express.js, Hapi, Angular, Vue, Ruby on Rails, SCSS.
Databases: MongoDB, PostgreSQL, MySQL.
Cloud & DevOps: AWS, Serverless Architecture.
UI/UX: Styled-Components, Material-UI.

PROFESSIONAL EXPERIENCE

CASHEAR, Remote   **June 2023 – July 2024**
Lead Full-Stack Software Engineer & Architect
- Led the design and development of a scalable music database architecture using Node.js, enhancing data handling and retrieval efficiency.
- Headed the creation of over 100 React components, integrating Redux and MUI to elevate user experience and interface responsiveness.
- Directed partnerships with streaming services (Spotify and Apple Music), utilizing AWS to streamline the integration of external music data.
- Implemented advanced indexing and used MongoDB's aggregate framework to optimize query performance, improving data access speed.
- Established music distribution to digital streaming services (Spotify, Apple Music, Deezer, etc.) and audio fingerprinting to prevent fraud/duplication.

HEALTH IPASS, INC., Remote   **Oct 2021 – June 2023**
Full-Stack Developer
- Engineered a Patient Portal using Node.js, Angular, and MySQL, enhancing patient-provider communication by enabling real-time updates.
- Developed an Express Check-in Application utilizing Hapi and Serverless on AWS, which optimized registration and payment processes.
- Optimized Admin UI through AWS technologies, improving staff efficiency by 25% in monitoring and customizing workflows.
- Contributed to the development of the 'Book My Doc' app, enabling more efficient patient access to healthcare provider scheduling.
- Applied React and MongoDB in various projects to advance UI/UX, resulting in a 40% increase in user engagement and streamlined database management.

XROBOTIX, Remote   **Aug 2021 – Oct 2021**
Full-Stack Developer
- Created the 'Water Meter' app using React and Node.js, enabling real-time water consumption monitoring which enhanced user engagement.
- Integrated applications with existing water meters, providing graphical trends and alerts that improved water management efficiency by 20%.
- Utilized AWS Serverless architecture for developing scalable, cost-effective back-end solutions, which boosted system reliability and operational agility.

NUGGIE.MENU INC., Remote   **Jan 2021 – Apr 2021**
Front-End Developer (React)
- Leveraged React with HTML and CSS to design a responsive and interactive UI for Nuggie.Menu, boosting user satisfaction and engagement.
- Implemented advanced React components to automate key business processes on Nuggie.Menu, facilitating real-time data updates.
- Collaborated with back-end teams to deploy React components within AWS Lambda serverless architecture to enhance front-end scalability.

PROJECTS

AtmosTrend Weather Application   **May 2023**
- Employed React, Next.js, & TypeScript to build AtmosTrend, using geolocation for precise weather forecasts and GraphQL for data querying, elevating app responsiveness and delivering weather insights with OpenAI integration.

Discord ChatGPT Chatbot   **Jan 2023**
- Built a Discord bot with Node.js and OpenAI's GPT, integrated via Discord.js with AWS S3 for data management, enhancing user interaction through real-time responses and continuous improvement from user feedback.

LoL Scrim Gym   **Sep 2021**
- Developed LoL Scrim Gym using React, Redux, Node.js, and Mongoose, improving interaction with Socket.io chat rooms, and scaled to 1.2k+ members, fostering growth and community feedback.

EDUCATION

Software Engineering Immersive | General Assembly   **Sep 2020 - Dec 2020**
*Acquired in-depth knowledge and hands-on experience in **HTML, CSS, JavaScript, React, Express, Mongoose, MongoDB, Ruby,** and **Rails.***