

Sean-Moses Etienne | Software Engineer

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SUMMARY

Highly motivated and results-driven Software Engineer with a unique background as a United Airlines Flight Attendant and a proven track record of building impactful web applications. Eager to leverage strong full-stack development skills, extensive front-end expertise, and a user-centric approach to contribute to innovative tech solutions at United Airlines. Possessing a solid foundation in MERN/MEAN stacks, problem-solving, and a commitment to continuous learning gained through rigorous immersive training.

TECHNICAL SKILLS

- * **Frontend:** Next.js 14.2, React 19, TypeScript, Angular, Tailwind CSS, Radix UI, React Hook Form, HTML, CSS, JavaScript, Date-fns, Google Maps API, Material-UI, React-Bootstrap
 - * **Backend & Databases:** Node.js, Express.js, Django, Python, SQL, Firebase (Auth, Firestore, Hosting), MongoDB, WebSocket
 - * **Tools & Methodologies:** Git, GitHub, Linux, ESLint, Prettier, PostCSS, RESTful APIs, MVC Architecture, Agile/Scrum, Problem Solving, Debugging, API Testing (Postman)
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WORK EXPERIENCE

Flight Attendant | United Airlines (EWR) | April 2024 - Present

Driver/Developer | Vaistat Montreal, CAN | November 2020 - Current

- **Promoted** to Junior Front-End Developer, leveraging Angular and TypeScript to build critical client-facing applications.
- Architected and developed a dynamic client panel for pharmacies, enhancing client listing and data management capabilities.
- Implemented interactive functionalities using Firebase and Ignite UI (if applicable), significantly improving user experience and data integration.
- Streamlined development workflows by utilizing CLI commands for efficient import of templates, environments, and services.
- Managed safe and efficient transportation of dangerous goods with a flawless incident record.
- Executed 2000+ deliveries, directly contributing to customer development and retention for a startup.
- Optimized delivery routes based on real-time weather and traffic, ensuring efficient service and customer satisfaction.

Crew Member | McDonald's Montreal, CAN | June 2019 - September 2021

- Mentored and trained new employees, leading to 3 promotions within a 2-month span for a mentee, demonstrating strong leadership and team development skills.
- Maintained high performance in a fast-paced customer service environment.

RELEVANT DEVELOPMENT PROJECTS

CrewRoom (Personal Project - Full-Stack Application)

- **Founder & Lead Developer:** Conceived, designed, and built CrewRoom (launched April 2025), an intelligent layover companion and professional crew hub for flight attendants, pilots, and airline staff.
- Developed a secure, mobile-first platform using **Next.js 14.2, React 19, and TypeScript** for the frontend, with **Tailwind CSS** and **Radix UI** for intuitive UI/UX.
- Integrated **Firebase (Auth, Firestore, Hosting)** for robust backend services, real-time data sync, and secure authentication, alongside **WebSocket updates** for live information.
- Implemented **AI-powered local information, real-time airport statuses, weather updates (OpenWeatherMap API), and interactive maps (Google Maps API)** to provide comprehensive layover intelligence.
- Designed and built private social tools for a verified crew-only connection lounge, fostering community and peer-to-peer insights.
- Managed the full software development lifecycle from concept to deployment, ensuring a privacy-first design and offline basic functionality.
- **Live Site:** [Link to CrewRoom] |

E-commerce website | Solo | Front-end with react & API | 40h | [Live](#) | [Github](#)

- Developed a dynamic e-commerce platform allowing users to browse product catalogs and complete purchases with various payment methods.
- Utilized **React Hooks** and state management for efficient data flow and interactive UI, integrating a third-party API built with **React-Bootstrap**.

SnapBook | Team Concept Project | Full-Stack | 40h | [Github](#)

- Collaborated on the development of "SnapBook," a full-stack application designed for creating and sharing photo albums.
- Built with **React and Node.js (Express) with MongoDB**, utilizing **Postman for API testing**, and deployed on **Heroku**.

Personal Portfolio | Solo | Front-end | 40h | [Live](#) | [Github](#)

- Designed and developed a responsive portfolio showcasing front-end skills, incorporating CSS animations and event listeners for enhanced user interaction.
- Implemented dynamic content display, including interactive buttons and media controls for a rich user experience.
- First project with HTML & CSS portfolio hard coded

EDUCATION

Software Engineering Immersive | General Assembly Remote/Online | May 2022 - August 2022

- **Completed a rigorous 12-week (500-hour) immersive training program, achieving certification in Software Engineering.**
- Gained profound expertise in building full-stack MERN and MEAN web applications using **JavaScript, Python, HTML, and CSS**, with a strong emphasis on optimizing solutions.
- Applied practical skills in implementing **React frontends, MVC architectures, RESTful routing, and Git version control via Linux VM.**
- Developed strong problem-solving and error resolution capabilities within team projects, demonstrating resourcefulness in finding solutions and effectively utilizing pseudocoding with React testing.

High School Diploma | Des Rives High School Terrebonne, Canada | August 2014 - June 2019