

To Whom It May Concern,

It is with great confidence and enthusiasm that I recommend **Milton Andrew Johnson** for any role requiring the talents of a skilled, forward-thinking **Full Stack Web Developer**. During his internship with **Next Play Nation** (April 2025 – May 2025), Milton made a tremendous impact by delivering a production-grade, secure, and scalable real-time web platform that serves both internship and event management needs across desktop and mobile devices.

Milton independently designed and engineered the entire architecture of the platform using the **MERN stack**—leveraging **React.js, TypeScript, Node.js, Express.js, MongoDB, and PostgreSQL**—while also showcasing an impressive command of modern deployment and hosting technologies via **Amazon Web Services (AWS)**. His frontend was deployed with **AWS Amplify** to ensure fast, globally available access and continuous integration, while his backend services were hosted on **AWS EC2 and Elastic Beanstalk** to enable scalability and seamless REST API and real-time socket functionality.

His accomplishments include:

- Building a dynamic **Admin Panel** that provides complete control over internships, users, and live events.
- Developing a **Live Event Calendar** that updates in real-time without page reloads via **WebSockets and Socket.IO**.
- Implementing **authentication and authorization systems** with secure, role-based access control and session management.
- Enforcing **API rate limiting** to guard against abuse and ensure backend performance stability.
- Creating a custom **Advanced Error Logging System**, including Express routes that captured client-server logs with timestamped .log files, concurrency-safe storage using Node.js's fs module, and silent background reporting for a polished user experience.
- Designing and deploying a **mobile-first UI** with fluid animations and a responsive layout.
- Setting up **CI/CD pipelines** for both frontend and backend using AWS and Render.com, automating testing and deployment workflows.

Milton brings strong, real-world experience in full stack development and cloud deployment. He is proficient in modern tools like React.js, TypeScript, Node.js, Express.js, WebSockets, MongoDB, PostgreSQL, and AWS (Amplify, EC2, Elastic Beanstalk). His skillset includes CI/CD pipelines, responsive UI/UX design, Stripe integration, Git, and Agile collaboration—making him a valuable and production-ready asset to any engineering team.

Milton is a self-driven developer who thrives on solving complex challenges and staying ahead of trends in technology. He holds a **Bachelor of Science in Information Technology** with a concentration in **Software Engineering** from **Middle Georgia State University**, and consistently demonstrates collaboration, innovation, and leadership in technical environments.

For additional insights or verification, feel free to contact:

- **Next Play Nation:** info@thenextplaynation.org
- **Dayla Martins Lima:** dayla.martins@thenextplaynation.org
- **Jerrit A. Judie:** jerrit.judie@thenextplaynation.org | (972) 750-8840

Sincerely,

Jerrit A. Judie



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Jerrit A.

06/13/25

Dayla Martins Lima

Full Stack Web Developer Intern

Next Play Nation