

# Rey Williams

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## EDUCATION

- **Florida Atlantic University** Boca Raton, FL  
B.S. in Computer Science, Certificate & Concentration in Data Science & Artificial Intelligence (AI) — GPA: 3.9

## SKILLS

- **Languages:** Java, JavaScript, TypeScript, C++, C, Python, SQL, CSS, C#, Kotlin
- **Frameworks/Technologies:** Spring Boot, React, Node.js, ASP.NET MVC, Azure, AWS
- **Certifications:** Azure Sol. Architect (AZ 305) Azure Admin. (AZ 104), Azure AI Fdmntls (AI 900)

## EXPERIENCE

- **Expedia Group** Seattle, WA  
Software Development Engineer - Order Management Services (OMS) August 2023 - Present
  - Designed and implemented scalable APIs (GraphQL, gRPC, REST) and tier-1 microservices to streamline order management workflows for over 1,000,000+ monthly travelers, enabling efficient handling of diverse order CRUD use cases.
  - Built conductor and state management service leveraging DynamoDB for high scalability and performance - prioritizes availability and partition tolerance for tunable consistency.
  - Consistently surpassed quarterly goals and delivered core implementations, recognized with OMS "Taking Initiative" award.
- **Microsoft**  Fargo, ND  
Cloud Support Engineer - Azure IaaS Virtual Machines & Storage August 2022 - August 2023
  - Supported Fortune 500 production systems on Azure, ensuring optimal performance and service availability through technical guidance & remediation.
  - Collaborated across teams to improve Azure product design and functionality, driving a ~23% reduction of routed issues.
  - Azure Files Subject Matter Expert; Created and maintained technical documentation, reducing redundant engineer engagement by ~13% and troubleshooting hours for 100+ engineers.
  - Improved customer satisfaction by ~17% through resolving complex cases and consistently meeting service level agreements in 100% of cases.
  - Recognized in Monthly Employee Spotlight for immense first-year growth and career velocity.
- **Origami Risk** Chicago, IL  
Fullstack Software Engineer Intern - Origami Product May 2022 - August 2022
  - Developed and implemented risk management solutions in ASP.NET MVC, SQL Server, C#, and JavaScript for 800+ clients in healthcare, insurance, and manufacturing
  - Built an audit-able risk assessment component, improving execution speeds by ~30%.
  - Increased overall test suite accuracy by ~54% and execution time by ~11% through comprehensive refactoring of cross-layer and domain tests.
  - Built new components to support and manage client product implementations across all layers (database, services, web UI).
- **Walmart Global Tech** Bentonville, AR  
Frontend Software Engineer Intern - Checkout / Point of Sale June 2021 - August 2021
  - Organized, developed, and deployed integral components to support the release of point-of-sale and e-commerce components with technologies such as TypeScript, React, and React Native.
  - Developed dynamic image component leveraging a proprietary marketing and media content API, eliminating static image storage and ensuring real-time content delivery.
  - Implemented server-side caching for image component, reducing bandwidth usage by 6%, saving ~3% in costs, and improving page load times by ~19%.
  - Developed component for dynamic product rendering based on store/site parameters.

## PROJECTS

- **Wavelength - Tutoring Web App:**
  - Built serverless full-stack tutoring application (modified MERN stack, MongoDB) with flexible user-course relationship schema. Mimics a real-world tutoring platform. Integrated Auth0's authentication API, Zoom API for meetings, and Google Calendar API for scheduling. Demo [here](#).
- **Persistent Shopping Platform:**
  - Developed e-commerce application in Java featuring an interactive GUI, user persistence, real-time inventory updates, and MVC architecture for maintainability. Demo [here](#).