

Toniann Wallace

516-225-0496 • www.linkedin.com/in/toniannwallace • twalla13@asu.edu • Lynbrook, New York 11563

EDUCATION

B.S. Software Engineering	December 2024
Arizona State University, Tempe, AZ	3.79 GPA
Relevant course work in: Software Enterprise, Database Management, Project Management	
B.S Mathematics	May 2020
SUNY College at Old Westbury, Old Westbury, NY	3.52 GPA

TECHNICAL SKILLS

Languages: Java, C/C++, JavaScript, TypeScript, Python
Frameworks/Libraries: React Native, React, Node.js, Bootstrap, Tailwind
Tools & Technologies: GIT/GITHUB, Azure, AWS, CI/CD Pipelines
Databases: SQL, NoSQL
Methodologies: Agile, SCRUM

WORK EXPERIENCE

Apex Initiatives, Remote: Developer	December 2024–Present
<ul style="list-style-type: none">Boosted team clarity by 60% by creating a project charter and UML diagrams, which streamlined architecture planning and cut feature misalignment during development.Increased user acceptance by 40% by redesigning the front end in Figma with interactive prototypes, which improved navigation flow and engagement metrics.Reduced initial development time by 25% and deployment time by 35% by building the codebase in TypeScript React Native and setting up GitHub CI/CD pipelines.Designed a relational database and AWS role-based access control to support 10,000+ concurrent users, which secures data management and scales authentication.	

RELEVANT PROJECTS

Dads Against Depression, Web Developer Project	September 2023–May 2024
<ul style="list-style-type: none">Engineered a web platform for a not-for-profit initiative utilizing TypeScript, Bootstrap, and Material UI, integrated Azure for cloud-based services, and established CI/CD pipelines.Slashed API response times by 40% by developing a scalable Azure Function App for backend processing and external system integrations.Boosted system performance by 60% and supported 1,000+ users with real-time data access by implementing a locally emulated CosmosDB solution for student submissions.	
BusConnect, Re-engineering Design Project	January 2023–May 2023
<ul style="list-style-type: none">Orchestrated the evolution of the legacy calendar management tool, Memoranda, into a comprehensive bus scheduling software by enhancing code reliability and scalability, achieving a 25% improvement in overall system performance.Spearheaded the integrating data storage, intuitive visualizations, and route management, algorithmic routing feature enhanced path determination, visualization, and assignment processes.	
Motorcycle School Software, SQL Database Project	January 2023–May 2023
<ul style="list-style-type: none">Architected an all-encompassing management platform for motorcycle school operations, including classrooms, courses, and equipment.Constructed a relational database featuring 10 tables, 5 stored procedures, and 3 automated reports, providing a scalable solution for managing motorcycle school data and operations.	