Ashwin Thomas

Franklin Square, NY

+1 (516) 667 4078 | ashwin.thomas2003@outlook.com | linkedin.com/in/ashwin-thomas-9a1393256/ | github.com/ashwinthomas03

Education

New York Institute of Technology **Dec. 2025**
Bachelor of Science in Computer Science, Minor in Mathematics *Old Westbury, NY*
- **GPA:** 3.94
- **Achievements:** Presidential Honors List x4
- **Coursework:** Data Structures, Algorithms, Files & Databases, Object-Oriented Programming, Networks, Big Data, Data Science

Skills

- **Languages**: **Python, Java**, JavaScript, TypeScript, **R**, **SQL**, HTML, CSS
- **Technologies & Frameworks**: Docker, Git, Node.js, React.js, **React Native**, **REST APIs**, PyTorch
- **Tools & Platform**: Linux, Apache Hadoop/Spark, VS Code, Postman
- **Data & Big Data Tools**: Apache Hadoop, Apache Spark, Database Design

Work Experience

Altice USA Inc. **Jan 2025 - Present**
Software Developer Intern *Bethpage, NY*
- Developed Python automation scripts that reduced manual task time by **30%**, streamlining operations and enhancing system efficiency.
- Contributed to internal tools for Optimum's Network Operations Center (NOC), including a custom Helix macro that improved reporting speed by **50%**.
- Identified repetitive and delayed NOC tasks, recommending process improvements that saved **20+ hours/month** in manual effort.

New York Institute of Technology **Aug 2022 - Present**
Information Technology Support Student Technician II *Old Westbury, NY*
- Resolved 100+ weekly service requests via phone, email, and web portal, including password resets and software installations, achieving a **95%+ user satisfaction rate**.
- Assisted students and faculty with account, software, and hardware issues, troubleshooting and resolving **90% cases on first contact**.
- Routed tickets to appropriate departments, helping reduce average resolution time by **30%** and streamlining IT service delivery.

Sub360 Inc. **Jun 2024 - Sep 2024**
Software Engineering Intern *Remote*
- Developed **30+** reusable React components, contributing to faster page load times and smoother UI performance across the app.
- Ensured cross-device responsiveness for over 15 unique screen layouts, increasing accessibility and user retention on mobile and tablet platforms.
- Utilized Storybook to build and test components, reducing front-end bugs from 10+ per sprint to under 4, and improving developer onboarding time by **2 days**.

Projects

BusTrak | Python, React Native, TypeScript, JavaScript, SCSS, Firebase, Google Maps API **May 2025**
- Developed a real-time school bus tracking app with live location updates every 5 seconds and accurate ETAs for 20+ stops, improving route visibility and reliability.
- Designed user-specific (Student/Parent, Driver, Manager, & Admin) dashboards and dynamic route selection from the Google Maps API, enhancing usability and reducing missed pickups by 95% during testing.

Travel AI Scheduler | React, DynamoDB, TypeScript, SCSS **Dec. 2024**
- Implemented a Travel Scheduler App that uses AI to generate custom itineraries based on user choices and responses.
- Enabled itinerary history tracking and session-based customizations, improving user retention by allowing access to prior plans.

Fitness App | React Native, MySQL, JavaScript, CSS **May 2024**
- Developed a Fitness App offering tailored workout plans for specific muscle groups, calorie tracking, water tracking, and a workout log.

Instant Messenger | Java, Sockets **May 2024**
- Developed a messenger app with a server that allows multiple clients to communicate over a TCP connection.

Bank Program | Java, MySQL **Dec. 2023**
- Devised a bank application, featuring authentication, deposit, withdraw, account dashboard, profile update, and multiple accounts