

Nikita George

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science, Computational Media (Highest Honors) **GPA: 3.6/4.0**
Online Master of Science in Computer Science **GPA: 4.0/4.0**

Atlanta, Georgia

Graduation Date: 05/2024

Graduation Date: 12/2026

EXPERIENCE

SAGE

Atlanta, Georgia

Software Engineer (Tax Team)

01/2025 - Current

- **Engineered a DATEV accounting integration** for the German market, implementing an **OAuth2 PKCE-based API workflow** for secure, automated file transfers that eliminated 90% of manual data entry for enterprise customers.
- **Built an automated renewals engine** aggregating subscription and usage data to identify **\$1.5M in expansion opportunities** and drive a **12% increase** in long-term account value.
- Migrated legacy SOAP/XML to RESTful microservices, reducing partner onboarding latency by 35%.
- **Transitioned legacy UI to Next.js/React**, achieving **30% faster load times** for accounting workflows by optimizing frontend performance.
- **Managed PostgreSQL schema migrations and backend logic**, supporting **zero-downtime deployments** and improving system stability across production environments.
- Refactored backend query logic for Accounts Receivable and General Ledger endpoints, restoring 99.9% API reliability and improving the accuracy of complex financial datasets by 80%.
- Re-architected TaxID validation workflows and normalized API schema types across global flows, eliminating stale data states and reducing high-frequency validation failures by 85%.
- **Reduced system downtime by 20%** by leading technical escalations and resolving critical bottlenecks in API performance and database indexing.
- **Integrated Avalara and Sovos tax engines** into core transaction flows, mapping complex Use Tax scenarios to external API contracts to automate global compliance for enterprise customers.
- **Engineered UK-specific CIS (Construction Industry Scheme) reporting** by extending the data model with high-fidelity schema fields, enabling automated tracking and export of industry-regulated tax attributes.
- **Hardened financial auditability for the French market** by re-implementing country-specific parent/child posting relationships, ensuring 100% jurisdictional compliance for OE/PO transaction flows.
- **Stabilized dropship-to-purchase transaction flows** through a comprehensive refactor of tax metadata handlers, improving automated reporting accuracy and cutting incident resolution time by 30%.

THE HOME DEPOT

Atlanta, Georgia

Software Engineering Intern

08/2024 - 12/2024

- Developed an optimization Python algorithm to **reduce carpet waste and unnecessary costs** through carpet installation quotes by automating seam placement to improve quote accuracy, enabling sales teams to reduce over-estimation and **increasing carpet sales profits by 40%**.

AUSTIN SPEECH LABS

Austin, Texas

Software Engineering Intern

07/2024 - 12/2024

- Enhanced a cross-platform Flutter iOS/Android app by shipping new therapy exercises and usability improvements, **supporting 100+ patients**.
- Integrated **Firebase Analytics to track anonymized user engagement**, identifying therapy tasks and delivering data insights to clinicians that informed treatment adjustments, contributing to **25% higher exercise completion rates and improved therapy effectiveness across modules**.

GEORGIA TECH RESEARCH INSTITUTE

Atlanta, Georgia

Software Engineering Intern

05/2023 - 03/2024

- Developed an iOS newsfeed app using SwiftUI and FastAPI enabling employees to create posts, comment, message, and join discussion forums.
- Implemented secure API routing, push notifications, and a role-based content system and **improved internal engagement by 35%** after launch.

THE HOME DEPOT

Atlanta, Georgia

UX Design Intern (Merchandise Execution Team)

05/2023 - 07/2023

- **Identified critical workflow friction** in the BOLT mobile app by conducting field research and interviews with 50+ store associates.
- **Synthesized in-store observations and journey mapping** into interactive prototypes to streamline bay organization and task execution
- **Drove a 25% reduction in average task completion time**, saving associates around 5 minutes per task and increasing operational flexibility.

UX Design Intern (Finance Team)

05/2022 - 07/2022

- Applied UX research and stakeholder interviews to identify material risks and usability gaps in financial reporting for SEC-filed 10-K and 10-Q disclosures, then redesigned the experience into an interactive Tableau report, **reducing load time by 50% and analyst completion time by 30%**.

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Teaching Assistant

01/2021 - 05/2024

- Mentored 100+ students in Python fundamentals and debugging patterns for the introductory CS curriculum.

SKILLS

- **Languages & Frameworks:** Python, Java, Go, TypeScript/JS, C#, PHP, C/C++, PostgreSQL, React, Next.js, Vue.js, D3.js.
- **Cloud & DevOps:** AWS (S3, Lambda, RDS, SQS), Docker, Vercel, Git/GitHub Actions, Datadog, Sentry, Postman, Agile/Jira.
- **Architecture & APIs:** OAuth2/PKCE, REST/OpenAPI, Redis, Jest, Tax Engine Integration (Avalara/Sovos), Financial Data Modeling.
- **Design:** Figma, Axure, CSS, Adobe Creative Suite, Storybook, Unity, Unreal, Blender, Maya, ARKit/Aframe.