

# Tariq Kichawele

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## RELEVANT/WORK EXPERIENCE

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### Revature

Associate Software Engineer

Remote, US

November 2024 - September 2025

- Implemented TypeScript-based REST APIs using Node.js, applying Test-Driven Development to ensure correctness, maintainability, and high code quality.
- Implemented JWT-based authentication and role-based access control, ensuring secure access for both users and administrators.
- Applied security best practices including error handling and secure API design to mitigate common vulnerabilities.

### Lenovo

FullStack Software Engineer

Morrisville, NC

September 2022 - October 2024

- Developed and tested backend services using Spring Boot, contributing to 5+ production-style features across the full SDLC (design, implementation, testing, deployment).
- Collaborated in Agile teams, participating in 20+ sprint ceremonies, code reviews, and CI/CD-driven releases using Git/GitHub and automated pipelines..
- Built and integrated 10+ RESTful API endpoints in Java, supporting CRUD operations, validation, and business logic backed by SQL databases.

## PROJECTS

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### [Resonance](#) (TypeScript & Python)

- Built an AI text-to-speech platform allowing users to generate audio from text with customizable voice selection, waveform playback, and per-generation settings
- Designed a voice management system supporting system and custom voices with category/language filtering and recorded audio samples stored in Cloudflare R2.
- Built a type-safe API layer using tRPC and TanStack Query with a PostgreSQL database managed via Prisma ORM.

### [YouTube-to-Chapters](#) (TypeScript & Python)

- Built a full-stack web app that fetches YouTube video captions via RapidAPI, parses the transcript, and uses GPT-4o to generate timestamped chapter breakdowns ready to paste into video descriptions
- Designed a text-processing & NLP pipeline to detect topic transitions and segment videos with high accuracy.
- Implemented OAuth authentication with Google and Discord via NextAuth.js, with session and user data persisted using Prisma and PostgreSQL

## EDUCATION

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**University Of North Carolina at Charlotte**

Charlotte, NC - 2022

*Bachelor of Science | Minor in Communication studies*

GPA: 3.3/4.0

**FreeCodeCamp | DataCamp**

*Responsive web design certification | DSA certificate*

## SKILLS

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**Languages:** TypeScript, Python, Java, C++, C#, HTML/CSS

**Backend & Databases:** SQL, Django, SpringBoot, Node.js, GitHub, CI/CD, Jenkins, AWS

**AI Tools:** Agentic Workflow, Cursor, MCP, Claude Code