Kelvin Ihezue

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EDUCATION

Rutgers University — School of Graduate Studies   New Brunswick, NJ
Master of Science in Software Engineering   *Expected December 2026*
- Bachelor of Science in Computer Science, Minor in Economics —— GPA: 3.6

WORK HISTORY

Johnson & Johnson Technology   Raritan, New Jersey
Software Development Co-op   *Jan 2025 – Jun 2025*
- Built a **Python** CLI that auto-integrates **TanStack Router** into **J&J's React** starter, cutting new-app setup by **40%** and reducing onboarding friction by **60%**.
- Designed the **J&J** Recognition App homepage using **React** & **Vite**, achieving **27%** faster loads, **33%** smaller pages, and **95%** user satisfaction.
- Utilized **Bitbucket** with **Git** and CI checks across **12** projects to standardize workflow, cutting review time by **38%**, reducing release conflicts by **45%**, and delivering **zero** emergency rollbacks last quarter.

Cisco   Iselin, New Jersey
Software Developer Intern   *May 2024 – Aug 2024*
- **Led** the development and optimization of **internal web tools** using **Python**, **React**, and **REST APIs** to automate product testing **workflows**, reducing manual reporting time by **35%** across multiple **R&D** teams.
- Collaborated with **engineers** to design a **real-time** factory metrics dashboard **SQL** & **Power BI**; modeled **25+** KPIs with **5-min** refresh, cut manual reporting time by **35%**, shortened decision cycles by **30%**, and drove adoption to **40+ users** across **3 sites.**

TECHNICAL PROJECTS

MyPortfolio | 🌐 🐙
* **Designed** a production-ready **MERN** platform (**React** frontend on **Vercel**; **Node/Express** backend on **AWS**) where visitors **discover projects**, **send feedback**, and **contact** me; submissions are validated, stored in **MongoDB**, and emailed via **Nodemailer** in real time. Secured with **Cloudflare Turnstile** and **rate limiting**, and automated via **GitHub Actions** CI.

TradeLens | 🐙
* **Built** a **scalable FastAPI backend** web app, migrating storage to **Firestore** and implementing **live SMA-driven trading signals** so users can **create portfolios, analyze positions in real time, and make more informed investment decisions**.

FittedIn | 🐙
* **Utilized Node.js/Express** & **PostgreSQL** in developing a **wellness social platform** that turns solo **health tracking** into a **social experience**, so users stay **motivated** through accountability and shared progress.

RU-FileSystem | 🐙
* **Designed** a user-space **FUSE** file system (**4 KB blocks on a 32 MB** "virtual disk") with **bitmap allocation** and full path resolution, which manages **1,000+ files** to help **students & TAs** in **OS courses reliably test/debug** file system behavior.

TECHNICAL PROFICIENCY

Languages: Python, JavaScript/TypeScript, Swift, SQL, C/C++.
Frameworks/Libraries: React, Node.js/Express, SwiftUI, TanStack Router, Nodemailer.
Database & APIs: MongoDB, Google Firestore, Firebase, PostgreSQL, REST/JSON.
DevOps & Hosting: AWS (EC2), Vercel, Cloudflare, GitHub Actions.
Tools & Testing: Git, Postman, Linux/Unix, Jasmine, Pytest, MongoDB Compass.

Certifications: Professional Scrum Master 2025 (PSM I)