Kelvin Ihezue

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🌐 Portfolio - kelvinihezue.com

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** command-line utility to auto-integrate **TanStack Router & Query** into J&J's React starter, reducing new-app setup time by **40%**.
- **Redesigned and migrated** the **J&J** Recognition App homepage to **React** & **Vite**, making pages load **27%** faster.
- Standardized **Bitbucket** and CI checks across **12** projects, cutting PR review time by **38%**.

Cisco   Iselin, New Jersey
Software Developer Intern   *May 2024 – Aug 2024*
- **Automated product-testing workflows** with **Python**, **React**, and **REST APIs**, cutting manual reporting time across multiple **R&D teams**.
- **Delivered a real-time metrics dashboard in Power BI**, using **DAX** to model key KPIs, enabling ops leaders to analyze performance faster and shorten decision cycles by **40%**.

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)