Daniel Oyasodun

Newark, New Jersey

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Education

New Jersey Institute of Technology — Newark, NJ
Bachelor of Science in Computer Science — *Sep. 2022 – Expected Aug. 2025*

Technical Skills

Programming Languages: Java, Python, C, C++, C#, Kotlin, JavaScript, TypeScript, Bash, HTML, XML, R
Web & Frameworks: React, Next.js, Django, REST, GraphQL
Tools & DevOps: Git, Docker, AWS
Databases: PostgreSQL, MongoDB, DuckDB
Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Tableau
Operating Systems: Windows, Linux, Unix, Android

Experience

Computer Science Tutor — June 2023 - Aug. 2023
New Jersey Institute of Technology — *Newark, NJ*

- Led Java & Python workshops for 35+ students, boosting assessment scores by 20% through personalized study plans and coding exercises.
- Developed tailored study plans and interactive coding exercises, strengthening students' confidence and problem-solving skills.

Projects

AI Resume Builder — Job-Aware Resume Platform | Repository | Website — Feb. 2025 – May 2025
Django, React, Supabase, Auth0, Heroku, Vercel

- Built a full-stack resume platform with AI-generated content, real-time editing, and export to PDF/HTML/Markdown.
- Designed RESTful APIs and implemented CRUD operations for dynamic resume sections using Django and Supabase.
- Integrated Auth0 for secure authentication; deployed React frontend on Vercel and backend on Heroku.

Sports Data Visualization — Data Analytics for Sports Insights | Repository — Feb. 2025 – Present
R, Python, Tableau, Data Visualization

- Maintaining an actively evolving repository of visual analyses covering the NBA, EPL, and other leagues to deepen understanding of sports analytics.
- Built shot charts, heatmaps, and scatter plots that translate advanced statistics into accessible insights for fans.
- Emphasizing clear data storytelling to communicate player styles, team strategies, and performance trends using real-world datasets.

LinkUp — Full-Stack Social App | Repository | Website — Dec. 2024 – Jan. 2025
TypeScript, Next.js, Tailwind, PostgreSQL (Neon), Clerk Auth, Vercel

- Developed a full-stack social media app with real-time posts, media uploads, and secure auth via Clerk.
- Implemented SSR, lazy loading, and Uploadthing for fast, seamless media delivery and performance.
- Integrated PostgreSQL (Neon), Clerk for auth, and Uploadthing for seamless media handling.

NBA Snapshot — Android NBA Score Tracker | Repository | Demo — Nov. – Dec. 2024
Kotlin, XML, Room, Coroutines

- Designed a Kotlin-based Android app for real-time NBA scores using ESPN's API, with offline caching via Room DB.
- Utilized Kotlin coroutines for background data fetch and smooth UI updates.
- Applied MVVM architecture to improve maintainability and API efficiency.

Simple Pascal-Like Compiler — Custom Language Interpreter — Nov. 2023 – Dec. 2023
C++, Compiler Theory

- Built a compiler with a lexer, recursive-descent parser, and interpreter for a Pascal-like language, applying compiler theory for tokenizing, parsing, and executing code.