

Aura Akunne

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EDUCATION

Kean University

Bachelor of Science in Computer Science

Union, NJ

Sep. 2022 – May 2026

EXPERIENCE

Because She Can Mentorship Program

Because She Can

May 2025 - August 2025

Virtual (Ghana-based)

- Received personal mentorship from industry expert in order to develop skills in .NET based applications.
- Focus on .NET Core Web API and EF Core. Setup, modification and query of the database using CRUD operation and RESTful API endpoints. User authorization and authentication using JWT Web Tokens

Barista

Starbucks

June 2021 – October 2024

Piscataway, NJ / Princeton, NJ

- Analyze customer needs in order to solve problems. Emphasis on constant learning, as well as adapting to new situations.
- Memorization of core recipes in order to procure consistent, enjoyable products.

PROJECTS

Notella (Notes Application) | .NET 8 Web API, EF Core, PostgreSQL, Auth0

December 2025 – Current

- Implemented secure user authentication using Auth0 with JWT-based authorization.
- Designed a clean, modular API architecture with clear separation of concerns (Controllers, DTOs, Models, Data).
- Applied secure configuration practices by isolating secrets from source control and environment-specific settings.
- Integrated PostgreSQL via Entity Framework Core for persistent note storage.
- Prepared the API for cloud deployment with scalable authentication and database integration.

Bellbloom (School Management) | .NET 8 Web API, EF Core, PostgreSQL, JWT

June 2025 – August 2025

- Developed a RESTful backend to manage students, courses, professors, and schedules.
- Implemented role-based authorization and scoped data access using JWTs.
- Modeled complex relational data structures with Entity Framework Core, including migrations and relationships.
- Utilized LINQ and asynchronous database operations for efficient data retrieval.
- Tested API endpoints using Swagger and documented request/response flows.

auraa.tech | SQL, XAMPPS, VSCode, Bootstrap, JavaScript, HTML/CSS

January 2025 – March 2025

- Portfolio landing page. Animated using JavaScript event listeners, object pools, and observers. Custom artwork and sprites.
- Integration of email database using mySQL Workbench. POST authentication.

TECHNICAL SKILLS

Organizations: WomenTech Network, Because She Can, WiCYS, Kean Esports

Languages: C#, Java, SQL, PostgreSQL, HTML/CSS, JavaScript

Frameworks: ASP.NET Core, ASP.NET Core Web API, Bootstrap

Developer Tools: Git, Visual Studio Code, Visual Studio, Eclipse

Libraries: Entity Framework Core, JWT Bearer Authentication, SignalR, Swashbuckle