ENOCH ATUAHENE

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EDUCATION

Wayne State College – Wayne, Nebraska, USA   **Graduating May 2027**
Major: Computer Science & Mathematics   **Honors**: Dean's List   **GPA**: 3.99/4.00
Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms (C++), Linear Algebra, Operating Systems, Introduction to Database Systems, Networking I (CISCO), Scripting Languages

EXPERIENCE

Software Engineering Fellow | HeadStarter **|** Remote, USA   **May 2024 - Present**
- Building 5+ AI web applications and API's using Firebase, OpenAI, StripeAPI and other tools.
- Collaborating on projects from design to deployment with a team of three engineering fellows.
- Coached by senior software engineers on Agile, CI/CD, Git and microservice patterns.

Full Stack Developer | Synlab Ghana **|** Accra, Ghana   **May 2024 - Aug 2024**
- Designed and implemented React-based digital intake forms, optimizing client onboarding and facilitating successful matches between 30+ patients and culturally-appropriate BIPOC therapists.
- Integrated Firebase for client-side authentication, protecting sensitive therapist and patient data.
- Developed and implemented a patient prioritization algorithm utilizing hard and soft criteria, resulting in a 60% reduction in practitioner appointment review time.

Software Engineering Intern | Ckodon Foundation   **May 2023 - Aug 2023**
- Architected and implemented cross-platform connectivity between the foundation's system and major collaboration tools (Microsoft Teams, Slack), catalyzing a 900+ user surge in platform adoption.
- Created a server to schedule Teams messages using Redis' Bull, Javascript, Node.js, and Express.js
- Developed a Wellness feature enabling fitness, meditation, and shared music content via web interface and Slack/Teams integrations using Typescript, React, Remix, Node.js, Tailwind CSS, and Prisma ORM.

PROJECTS

SyncFlix | Node.js, Express, React, MongoDB   Github Repository
- Developed a video streaming site, leveraging web sockets for synchronized viewing among users.
- Implemented a real-time low latency messaging feature using Socket.io, facilitating seamless communication between users in shared streaming rooms.
- Utilized MongoDB GridFS for efficient video bucket storage.
- Developed a secure user authentication system using JWT, ensuring data protection for users.

Travel Pal | Full Stack   Headstarter Hackathon
- Built prototype of a travel app on a team of 4 using React Native, Firebase and Apple Maps API, that would eventually suggest eco-friendly routes, track carbon footprint, and reward greener choices, while handling the authentication and database integration.
- The prototype has the potential to drive a measurable 20-30% reduction in travel-related emissions among its user base, contributing to more sustainable travel practices.

Wayne State College ACM Chapter Website | JavaScript, HTML, Svelte Kit, Tailwind CSS   Link to website
- Developed a comprehensive website for the Wayne State College ACM chapter using SvelteKit and Tailwind CSS, featuring a "Projects" section highlighting diverse student-led initiatives, and a "Resources" hub providing valuable programming and computer science learning materials.

SKILLS AND PROFICIENCIES

- **Programming languages**: Python, Java, C++, JavaScript, Typescript
- **Frameworks and Libraries:** React.js, Node.js, Express.js, pandas, Tailwind CSS, Svelte Kit, Bootstrap, jQuery
- **Developer Tools:** Git, Firebase, AWS, OpenAI, StripeAPI, MySQL, GraphQL, MongoDB, Prisma

CAMPUS INVOLVEMENT

- **NSBE,** Fall 2023 - Present   • **Wayne State College ACM Chapter,** Fall 2023 - Present
- **Google Developer Student Club,** Jan 2021 - Dec 2022