

# ENOCH ATUAHENE

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## EDUCATION

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**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

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**Software Engineering Fellow** | HeadStarter | Remote, USA

**May 2024 - Present**

- Building 5+ AI web applications and APIs 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

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**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.

**Web Scraper** | Python, React, Flask, AWS Lambda

[Github Repository](#)

- Developed a scalable web scraping application to extract data from e-commerce websites using Python Flask Backend, React Frontend, and Bright Data (Web Scraper)
- Implemented a fault-tolerant data extraction pipeline on AWS Lambda to handle concurrent scraping tasks and edge cases.
- Integrated the scraping application with a MySQL database to store and manage the extracted data.

## SKILLS AND PROFICIENCIES

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- **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

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