

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

August 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

Stream Sync | Node.js, Express, React, MongoDB, Socket.io, Heroku

[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.
- Leveraged MongoDB GridFS to implement a robust video storage system, optimizing efficiency and scalability by 30%.
- Designed a secure user authentication framework leveraging JWT, fortifying data privacy and user protection with a 99.9% success rate.

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.

EMFIP | Next.js, TypeScript, CSS, JavaScript, Node.js, MongoDB, Stripe, Vercel

[GitHub Repository](#)

- Developed an e-commerce platform for laundry products using Next.js for server-side rendering and TypeScript for enhanced maintainability.
- Integrated a MongoDB database for efficient product management and Stripe for secure payment processing and Implemented JWT-based authentication to ensure user security, with a 99.8% success rate.
- Enhanced UI/UX using CSS Modules and Tailwind CSS, improving performance by 30%.
- Automated deployment with Vercel, ensuring continuous integration and delivery.

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