EYOB ASHAGIRE

New York, New York

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Education

University Of Maryland - College Park   **College Park, MD**
Bachelor's in Computer Science   *Sept. 2019 – May 2023*

Experience

Goldman Sachs   **July 2023 – Present**
Software Engineer - IB Classic Eng Team   *New York, New York*
- Built an automated Meeting Prep Service (Python, AWS Glue, Snowflake, Salesforce Apex) that generated data-driven HTML summaries for bankers; redesigned architecture to scale from an initial pilot of 5 users to 100+ bankers.
- Enhanced data ingestion and transformation logic powering the Meeting Prep Service, improving reliability and reducing manual cleanup for bankers.
- Developed full-stack features for the OneGS Referrals Platform using React, TypeScript, Spring Boot, and REST APIs, enabling cross-business client referrals.
- Worked cross-functionally with Salesforce engineering, CRM platform, and data engineering teams to integrate services, resolve production issues, and improve overall reliability.

Panda Programmer   **September 2022 – May 2023**
Lead Teacher   *Silver Spring, Maryland*
- Taught JavaScript and Python fundamentals to students; mentored peers on curriculum delivery.

Goldman Sachs   **June 2022 – August 2022**
Software Engineer Intern   *New York, New York*
- Worked on the Customer Relationship Management team of the Investment Banking Division as a full-stack developer.
- Built Lightning Web Components for the Salesforce plugin on Microsoft Outlook using HTML/CSS, JavaScript, and Apex.
- Worked with product team and bankers to simplify the software for creating contacts for new clients.

Johns Hopkins Applied Physics Lab   **August 2018 – May 2020**
Computer Science Intern   *Laurel, Maryland*
- Built Python tooling to analyze Windows PE binaries for malware detection and similarity scoring.

Projects

Exchange Market Health Dashboard | *Python, AsyncIO, WebSockets, FastAPI, Next.js*   **Dec 2025**
- Built a real-time exchange market health monitoring system ingesting live Coinbase WebSocket data (ticker + trades) with an asynchronous Python worker.
- Computed top-of-book metrics (bid/ask, mid, spread in bps), market data freshness, and rolling 60-second trade tape statistics.
- Implemented alerting for stale market data and abnormal spread behavior, with notifications delivered via webhook-based messaging.
- Exposed a lightweight HTTP summary API consumed by a live Next.js dashboard polling every second.

World Flag Quiz | *JavaScript, MongoDB, HTML/CSS*   **May 2023**
- Built a full-stack world flag quiz game with JavaScript, Express, Node.js, Bootstrap, and MongoDB.
- Implemented gameplay logic, responsive UI, user authentication, and server-side routes.
- Designed MongoDB schemas to track user progress and quiz performance and integrated external country data via REST APIs (GET/POST).

2022 NBA All Star Prediction Algorithm | *Python, Jupyter Notebook*   **December 2022**
- Developed a machine-learning model to predict 2022 NBA All Stars using 10 years of scraped player performance data from Basketball Reference.
- Automated data extraction and cleaning with Pandas; engineered features based on historical performance statistics.
- Performed correlation analysis to identify high-impact features and trained a logistic regression model to estimate All-Star selection probabilities.

Skills

Programming Languages: Python, Java, C, HTML/CSS, JavaScript, TypeScript, SQL, OCaml, Swift
Technologies/Frameworks: React, Spring Boot, Node, Express, Docker, Linux, GitLab, JUnit, Bootstrap, Snowflake, AWS Glue, Salesforce Apex
Languages: English, Amharic