

Edson Augustin

x.com/edson_aug · linkedin.com/in/edson-augustin · github.com/EdsonA1

EDUCATION

University of Notre Dame

Bachelor of Engineering in Computer Science

May 2025

Minors: Real Estate, Engineering Corporate Practice

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, Java, C/C++

AI & Agents: LangGraph, LLM Agents, MCP Servers, Retrieval & Grounding, Agent Skills, AI-Assisted Development (Claude Code)

Frontend & Backend: React, Next.js, Tailwind CSS, Data Visualization, FastAPI, Node.js, REST APIs

Data & Infrastructure: PostgreSQL, Snowflake, Docker, Kubernetes, CI/CD, AWS, Linux, Git, Bash

EXPERIENCE

Apple

June 2025 – Present

Full Stack Software Engineer, AI & Data Platforms

San Francisco, CA

- Built features for 3 financial products used by thousands of employees worldwide; scope requirements with business and data teams and present roadmaps to senior management.
- Built the platform's first internal agent tooling for creating LangGraph agents and managing MCP servers across multiple production apps.
- Grounded LLM agents in millions of rows of financial data (Snowflake, PostgreSQL), replacing manual lookups with plain-language answers.
- Led the AI-powered modernization of a legacy financial system (React/TypeScript, FastAPI), shipped on Kubernetes through CI/CD without production disruption.

Starbucks

May 2024 – August 2024

Software Development Engineer Intern

Seattle, WA

- Developed scalable server-side applications with React.js and Node.js APIs, reducing average customer wait time by 50% and speeding up the order processing by 30%.
- Created a cross-device compatible AI chatbot using Microsoft Power Platform and Azure OpenAI, streamlining operations by automating 75% of customer inquiries.

Plante Moran

June 2023 – August 2023

Cybersecurity Track Intern

Chicago, IL

- Conducted cybersecurity assessments for diverse companies, evaluating business process controls and information technology general controls using frameworks including SOX, SOC, HITRUST, and PCI.
- Developed documentation for controls, prepared compliance reports, and assisted in mitigating internal and external risks associated with personal identifiable information and information assets.

Idea Center

August 2022 – May 2023

Technical Market Analyst

Notre Dame, IN

- Evaluated 15 key market statistics to predict future market performance of 5 technology sectors, over a 12-month period.

PROJECTS

Smart Drive Through, Hackathon Software Developer & Product Manager

July 2024 – Present

- Created and presented an automated Drive Through solution leveraging License Plate Recognition API with React.js, Express.js, and Node-RED, capable of processing 50 orders per hour with 90% accuracy.

Pantry Pal, Software Developer & Product Manager

October 2023 – December 2023

- Led front-end development of Pantry Pal, a React.js-based meal planning app with a MySQL database and JSON APIs for 10,000+ ingredients and recipes, achieving 80% user engagement and 30% budget savings.

TRiBE Hub, Hackathon Winner Project Software Developer

March 2023 – December 2023

- Won 1st place among 15 teams by co-developing a secure web platform for 12,000+ University of Notre Dame members, integrating interactive features and a robust authentication system using JavaScript, React.js, Tailwind CSS, and Python to ensure a fully verified user base.

LEADERSHIP

National Society of Black Engineers, President

May 2024 - Present

- Implement strategies to enhance the representation of 150 culturally responsible black engineers in the industry.

ColorStack Notre Dame Chapter, Cofounder

January 2024 – Present

- Cofounded a chapter whose mission is to increase the number of Black and Latinx CS graduates and careers.

Management Leadership for Tomorrow, Career Preparation Fellow

Feb 2023 – Present

- Selected among 1000+ applicants for Software Engineering career preparation and professional development.

IBM Accelerate Program 2023, Client Engineering & Technical Sales Track

June 2023 – July 2023

- Built an AI Chatbot for a financial institution utilizing IBM Watson Assistant, enhancing interactions and efficiency.