

# Edem Ahorlu

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Ann Arbor, MI {Willing to relocate anywhere in USA}

## EDUCATION

### Duke University

*Bachelor of Science in Computer Science, Karsh Scholar*

Durham, NC

May 2023

### Relevant Coursework

Data Structures and Algorithms, Network Architecture, Computer Architecture, Computer Security, Operating Systems, Design/Analysis of Algorithms, Software Design and Implementation, Computational Approaches to Human Language

## TECHNICAL SKILLS

**Certifications:** Meta iOS Developer, Meta Android Developer, IBM Full Stack Software Developer, IBM Back-End Development  
**Languages:** Python, Java, JavaScript, TypeScript, Swift, Kotlin, Go, Ruby, SQL, GraphQL, R, C/C++, PHP, Bash, HTML, CSS  
**Technologies:** React, React Native, Flask, Django, SQLite, PostgreSQL, MySQL, MongoDB, Angular, Next, Vue, GCP, IBM Cloud, AWS, Docker, Kubernetes, Spring Boot, TensorFlow, Jest, Detox, Git, GitHub, Jira, Pandas, NumPy, Matplotlib  
**Expertise:** Full Stack Development, iOS Development, Backend Development, React Native Development, Android Development, Frontend Development, Web Development, Software Engineering, Database Engineering, Project Management, Software Testing, Cloud Computing, DevOps/DevSecOps, Agile Methodologies, Distributed Systems, Networking, Software Design and Architecture

## EXPERIENCE

### Software Engineer

*IssakaAI Technologies*

Oct 2023 – Present

*Madison, WI*

- Led the development of an AI-powered community-building platform, increasing user retention by 10% through secure, ad-free, personalized experiences
- Managed a cross-functional team to implement test automation and CI/CD pipelines, reducing deployment times by 12%
- Built a data-driven dashboard and integrated video calling features, leveraging analytics to enhance user experience

### Software Product Sprint

*Google*

May 2022 – Aug 2022

*Remote*

- Designed and deployed a GCP-hosted office hour scheduling application using React and Java Servlets, eliminating scheduling conflicts and increasing meeting efficiency by 25%
- Collaborated in an agile environment, contributing to open-source projects and enhancing code quality by 20%
- Integrated GCP APIs, including translation and storage services, to enrich the user interface and experience

### Software Engineer Intern

*Duke University Code+*

May 2021 – Aug 2021

*Durham, NC*

- Engineered a WordPress portfolio LinkedIn clone adopted by 250 students, increasing user engagement to 3%
- Developed dynamic web pages using JavaScript, significantly enhancing site responsiveness and user interaction
- Conducted user research, interviewing 50+ stakeholders and students, resulting in design enhancements that boosted user satisfaction from 40% to 95%

## PROJECTS

### DealerView360 | *Bootstrap, Django, Flask, Node.js, Express.js, IBM Watson, IBM Cloudant, Serverless* Oct 2023 – Dec 2023

- Created a dealership app with user authentication, car model management, sentiment analysis, and IBM Cloud Functions
- Containerized with Docker, deployed on Kubernetes, and implemented CI/CD pipelines with GitHub Actions

### Concert Connect | *Python, Django, Flask, MongoDB, Docker, Kubernetes, OpenShift, Microservices* Nov 2023 – Dec 2023

- Developed a full-stack web app for a music band using Flask, Django, MongoDB, and microservices architecture
- Deployed on IBM Kubernetes Services with Docker, managed user authentication and concert registration

### Coursera Student Advisor | *Python, IBM Watson, AI(Generative), NLP, Prompt Engineering* Aug 2023 – Sep 2023

- Engineered an AI-powered Advisor chatbot using GitHub-hosted database for dynamic course suggestions and interactions
- Implemented Python webhooks for real-time content retrieval, enhancing chatbot intelligence and expanding engagement

### Little Lemon Food App | *Kotlin, Android Jetpack, Ktor, Room Database, JUnit* May 2023 – July 2023

- Created a scalable Kotlin Android app for restaurant ordering with Jetpack Compose and efficient menu management
- Enhanced user experience with Room Database, Ktor for real-time updates, and offline functionality

### Course Builder | *Swift, SwiftUI, JSON, Streamer API, RESTful APIs, XCTest* Mar 2023 – April 2023

- Built an iOS app for Duke ECE students with a user-friendly drag-and-drop interface and intuitive search feature
- Integrated Duke's Streamer API for real-time class data, adding graduation requirement checks and course plan exports