# Firomsa Hika

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## EDUCATION

**Adama Science and Technology University (ASTU)**                                *Graduating June 2026*
Bachelor Computer Science and Engineering                                              Adama
**Relevant Coursework:** Algorithmic Problem Solving in C++, Object-Oriented Programming in Java, Calculus I, Web Development Fundamentals, Database system, Data mining for Machine learning, Data structure and Algorithm, Computer Security, Artificial intelligence ,Microcomputing and interface

## SKILLS

**Languages:** Python, Java, C++, JavaScript, My SQL,HTML, CSS,
**Frameworks & Libraries:** React, Node, Django, Express, LangChain, NumPy, Pandas, Scikit-learn, Matplotlib, REST APIs, Git, MySQL,Sqlite3
**DevOps:** Amazon Web Services (AWS), Google Cloud (GCP), Azure, CI/CD

## EXPERIENCE (Internship/Apprenticeship/Fellowship/Job)

**Ozone Technology plc  ([Certificate](#))**                                **July 2024- September 2024**
*Frontend web development | Nextjs,Tailwind css | [Falcon](#)*                        *Adama, Ethiopia*
• Built, optimized, and deployed a responsive web application using Next.js and Tailwind CSS, achieving a 25% faster page load time and improving Core Web Vitals.
• Enhanced SEO by implementing dynamic routing and server-side rendering (SSR) in Next.js, resulting in a 30% increase in organic traffic and higher search engine rankings.
• Collaborated in an agile, industry-focused environment, following best practices to deliver high-quality code

## PROJECTS (Hackathons/Projects)

**Roofing Service|Frontend** | React, Tailwind css                 [github/https://roof-app.com](#)
• Roof-app is a responsive front-end for a roofing service website, featuring service options, testimonials, and easy booking for a seamless user experience

**Food app| Frontend**|React, Tailwind css                 [github/https://food-app.com](#)
• Crafted a high-quality front-end for a restaurant food app, featuring an intuitive design for seamless ordering and browsing experiences

**Ecommerce** | Reactjs, Tailwind css, Python( Django)                 [github/Shoppit.com](#)
*Full stack web development*
• Developing **Shoppit**, a dynamic e-commerce web app enabling seamless shopping experiences with features like user-friendly cart, ordering system, and integrated Chapa payment system.
• Currently working on  the implementation of **Shoppit**, focusing on enhancing user experience with advanced functionalities such as AI-powered chatbots, recommendation systems, and ML-driven personalization.

**Crop Recommendation System** | Python | Pandas, NumPy, Scikit-learn, Matplotlib        [github/code](#)
*Machine learning*
• Built a machine learning model to recommend crops based on features like Nitrogen, Potassium, Temperature, pH, Humidity, and Rainfall.
• Utilized the **Random Forest algorithm**, achieving an accuracy of **99.3%**.
• Enhanced data analysis and visualization with **Pandas** and **Matplotlib**, enabling better feature insights.

## BOOTCAMP ([Certificate](#) )

**5 week Advanced web development bootcamp CSEC-ASTU**                **July 2024- September 2024**
Achieved first place in team project competition by developing a high-performance e-commerce platform alongside two peers, utilizing Next.js, Express.js, ShadcnUIi, Prisma, and PostgreSQL. This project was recognized as the top-ranked submission among all teams in the 2024 Advanced Web Development Program hosted by the Computer Science and Engineering Club at ASTU.

## LEADERSHIP EXPERIENCE (Clubs/Volunteering/Other)

**Adama Science and Technology University**                                **June 2023- August 2024**
*Class Representative*

                                                                                        *Adama, Ethiopia*