

# Simret Andarge

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## STATEMENT

I am a passionate **Full-Stack Developer** and **AI Engineer** with a deep expertise in building modern, responsive, and scalable web applications. With a strong foundation in both frontend and backend technologies, I craft seamless, high-performance user experiences that are both intuitive and efficient. Beyond web development, I specialize in **machine learning** and **AI-driven** solutions, leveraging data-driven insights to build **intelligent, automated, and impactful applications**. I am always eager to learn, innovate, and push the boundaries of technology to create **cutting-edge digital experiences**.

## EDUCATION

### **B.Sc. in Civil and Environmental Engineering**

Addis Ababa, Ethiopia | 2022 - Present

ADDIS ABABA UNIVERSITY

### **Software Engineering**

Addis Ababa, Ethiopia | 2023 - 2024

ALX

## WORK EXPERIENCE

### **MINNOVATION** | SOFTWARE DEVELOPER

Remote | May 2021 - Nov 2022

- Developed backend services and APIs using Python and Django, supporting a scalable and reliable infrastructure.
- Collaborated with cross-functional teams to integrate new features, enhance performance, and resolve technical issues.
- Designed and maintained backend systems, ensuring seamless integration between AI components and web applications.
- Developed and deployed AI models for predictive analytics to improve product performance and customer engagement.

### **GIGS AT STARTUP** | Frontend Developer

Addis Ababa, Ethiopia | Aug 2023 - Present

- Analyzed large datasets to uncover insights and build predictive models using Python and TensorFlow.
- Automated data preprocessing and visualization workflows, increasing efficiency for business decision-making.
- Provided data-driven insights to stakeholders, supporting strategic decisions and business growth.

### **GIRLS IN AI** | Mentor

Addis Ababa, Ethiopia | Sep 2024 - Present

- Mentored students as part of the Girls in AI project, empowering women in technology through workshops and educational initiatives.
- Conducted coding sessions, AI model development workshops, and provided guidance on real-world applications of software engineering.
- Fostered inclusivity and skill development in AI and software engineering.

## SKILLS

Programming Languages: Python, Java, SQL, Bash, JavaScript

Data Science & AI: Machine Learning, Deep Learning, NLP, TensorFlow, PyTorch, Pandas, NumPy

Backend Development: Django, Flask, RESTful APIs, Node.js

Database Technologies: PostgreSQL, MongoDB, MySQL, SQLite

Cloud & DevOps: AWS, GCP, Docker, Git, CI/CD, Linux

Tools & Libraries: TensorFlow, PyTorch, Scikit-learn, Matplotlib, Seaborn

## PROJECTS

### HEART-DISEASE-ANALYSIS [↗](#)

PYTHON, PANDAS, SEABORN

A data-driven project leveraging machine learning to analyze risk factors and predict heart disease for early diagnosis and prevention.

### PARKINSONS-DISEASE-DETECTION [↗](#)

PYTHON, NUMPY, PANDAS, SKLEARN

A machine learning project focused on detecting Parkinson's disease early by analyzing voice patterns and clinical data.

## CERTIFICATION

### INTRODUCTION TO DATA SCIENCE [↗](#)

CISCO NETWORK ACADEMY

### IBM MACHINE LEARNING SPECIALIST - ASSOCIATE [↗](#)

IBM

### IBM MACHINE LEARNING SPECIALIST - PROFESSIONAL [↗](#)

IBM

### PYTHON FOR DATA SCIENCE PRO: THE COMPLETE MASTERY COURSE [↗](#)

SARA ACADEMY ON UDEMY

### AI & COGNITIVE SCIENCE: BRIDGING MINDS AND MACHINES [↗](#)

YOUACCEL TRAINING (UDEMY)