

# HELEN ESHETU

## SUMMARY

Results-driven freelance developer with a proven track record at GETNET, specializing in machine learning and data solutions. Expert in Python and predictive modeling, I enhanced classification accuracy by 22% and automated data pipelines, showcasing strong problem-solving and communication skills. Passionate about delivering impactful insights through data visualization and analysis.

## EXPERIENCE

### Freelance Developer, 03/2024 - Current

#### Self-Employed - Addis Ababa, Addis Ababa

Developed predictive models using Python and TensorFlow, enhancing classification accuracy by 22% through feature engineering.

- Automated data preprocessing pipelines for over five projects, cutting cleaning time by 40% with custom validation scripts.
- Built CNN-based image recognition systems achieving over 85% accuracy on agricultural datasets.
- Created interactive Tableau dashboards visualizing model results, enabling three clients to identify key business trends.
- Led code reviews for two cross-functional teams, improving code quality by identifying over 30 critical bugs before deployment.

### Software Engineering Intern, 01/2024 - 10/2025

#### GETNET - Addis Ababa, Addis Ababa

Collected and cleaned over 10,000 customer records, achieving 30% faster analysis for strategic decisions.

- Developed behavior prediction models using Python and scikit-learn, identifying high-value customer segments with 88% precision.
- Designed data visualization tools in Matplotlib and Tableau, adopted company-wide for executive presentations.

## EDUCATION

### Bachelor of Science, software Engineering, 06/2025

#### Bahir Dar University - Bahir Dar, Ethiopia

## CERTIFICATIONS

- e-SHE courses, Employablity and Job Search Skill Training



## CONTACT

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## GITHUB, LINKEDIN, PORTFOLIOS, PROFILES

- <https://github.com/eshetuhelen>
- <https://www.linkedin.com/in/helen-eshetu-31157b307>
- <https://hel-portfolio.netlify.app/>

## SKILLS

Technical skills

- Programming: Python, JavaScript
  - Machine learning: Predictive modeling, deep learning
  - Data science: Data analysis, data visualization
  - Web development: RESTful APIs, web frameworks
  - Development practices: Unit testing, agile methodologies, Git
- Soft skills: Problem solving, effective communication, time management