

# ESHE HALEDH AZIZ

## SOFTWARE DEVELOPER

### PERSONAL STATEMENT

As urban cities grapple with rapid expansion, waste management remains a critical challenge. Eshe believes technology can revolutionize this field. She is committed to developing innovative systems that enhance waste management efficiency, optimize resource recovery, and reduce environmental impact. By addressing waste-related challenges through advanced data analysis and predictive modeling, she aims to contribute to a cleaner, more sustainable urban environment.



### EDUCATION

- AkiraChix**  
codeHive- Diploma in Information Technology  
Feb 2024 - Present



### SKILLS

- Proficient in utilizing RESTful APIs for data retrieval, modification, and management within web applications.
- Skilled in React.js for building dynamic user interfaces and optimizing performance through component-based architecture and hooks.
- Skilled in creating sketches, low-fidelity and high-fidelity wireframes, mockups, and user interfaces using Figma, Adobe Illustrator, and Photoshop.
- Proficient in use experience research, including usability testing, primary and secondary research, quantitative and qualitative analysis, and attitudinal and behavioral techniques to enhance design iterations.
- Experienced in implementing RecyclerViews and CardViews in Kotlin to create dynamic lists.
- Experience in application of data modeling and database design methodologies, with proficiency in MySQL and PostgreSQL.
- Ability to demonstrate strong problem-solving skills, leveraging data structures for troubleshooting complex issues.
- Skilled in defining and tracking key metrics to measure product success and iterate based on data-driven insights.
- Ability to create user personas, design user flows, and develop customer journey maps.

### REFERENCES

<b>Linda Kamau</b> Founder & Executive Director, AkiraChix <a href="mailto:lkamau@akirachix.com">lkamau@akirachix.com</a>	<b>Hunter Achieng</b> Software Engineer, Shara <a href="mailto:achienghunter@gmail.com">achienghunter@gmail.com</a>
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### Contact

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- [behance](#)
- [LinkedIn](#)
- [GitHub](#)

### RELEVANT COURSES

- Front-end Web Development**

  - ReactJS as a Frontend framework
  - DOM manipulation in JavaScript
  - Handling Asynchronous Operations
- UX Design**

  - Wire framing and prototyping
  - Ideation and Sketching
  - Visual design principles
- Front-end Mobile Development**

  - Collections and Adapters (RecyclerViews & RecyclerViewAdapter)
  - Handling HTTP/REST requests and responses with Retrofit
  - API testing with Postman
  - CRUD SQL queries
- UX Research**

  - Design thinking process
  - Research methods and techniques
  - Research planning and Usability testing
- Backend Development**

  - Databases and data modeling
  - Developing REST APIs using Django Rest Framework
  - Cloud infrastructure and Containerization
- Product Management**

  - Product ceremonies
  - Product life-cycle management
  - Metrics and performance analysis
  - Agile project management & Prioritization techniques
- Data and Software Architecture**

  - Data science and Machine learning
  - Data Analysis Procedures and Methods
  - UML and Architecture models



### PROJECTS

- Loop and Wear**  
Currently collaborating with a team of 5 to create an end-to-end solution connecting donors with upcycling companies. With different user platforms, the project aims to streamline the donation process by including donor registration, upcycling company profiles, donation tracking, transparency, and analytics to drive sustainable fashion and reduce textile waste.  
<https://github.com/eshe-aziz/FactFinders-Informational.git>
- Mentorship Website**  
Built a web application using HTML, CSS, and JavaScript to connect aspiring developers with experienced mentors for guidance and skill development, featuring goal setting, progress tracking, achievement documentation, to-do lists, and mentor-guided action plans.  
<https://github.com/eshe-aziz/Skies-Mentorship-Program.git>
- Weather App**  
Built with HTML, CSS, and JavaScript, this weather forecast project integrates with a weather API to provide accurate five-day forecasts enhancing preparedness during adverse conditions.  
<https://github.com/eshe-aziz/weatherapp.git>