

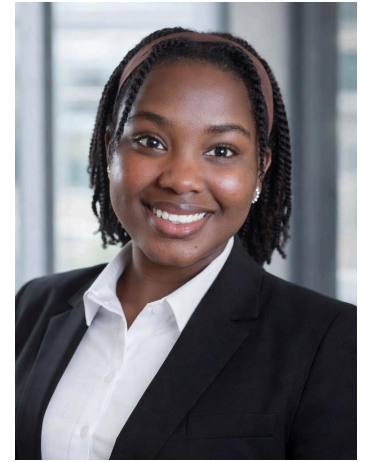
# Keni Sackey

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## Professional Summary

Computer Science undergraduate with a Data Science minor, focused on systems, automation, and structured data processing. Experienced in analyzing logs, working with system metrics, and supporting reliability through CI/CD workflows and documentation. Strong interest in monitoring, observability, and improving system quality through structured analysis and debugging.

## Education

Bachelor of Science in Computer Science (Minor: Data Science)  
Constructor University Bremen — 2023 – 2026 (*Expected*)

## Programming

- Python, C, C++

## Systems & Monitoring Exposure

- Basic understanding of system metrics (CPU, memory, processes)
- Experience analyzing logs and structured datasets
- Familiar with CI/CD workflows and system reliability concepts

## Systems, Tools & Data

- Linux (Ubuntu), scripting
- Git & CI/CD workflows
- SQL & structured data handling
- Log and metric analysis
- Documentation of technical processes
- Power BI (dashboard creation, data visualization)

## Web & Scripting

- JavaScript (browser scripts, API calls)
- HTML, CSS (basic frontend understanding)
- Git & GitHub

## Project Experience

### FlavorFinder – Recipe Recommendation Web Platform | *University Database Project*

- Built a normalized MySQL database for a recipe recommendation platform
- Implemented ISA hierarchies, weak entities, and M: N relationships

- Developed SQL queries for ingredient-based recommendations and dietary filtering

### **Language Learning App (Team Lead)**

- Supported project execution through documentation, meeting notes, and task tracking in a collaborative team environment.
- Managed schedules, tracked action items, and ensured timely follow-ups.
- Prepared concise analytical summaries to support team discussions and trade-off decisions.
- Supported collaboration and decision-making through clear communication
- Reviewed feedback and implemented improvements in an iterative workflow

### **Finance Tracker Web Application**

- Structured requirements and translated them into functional features
- Maintained documentation for system functionality and workflows
- Analyzed spending patterns and visualized trends to support data-driven insights and decision-making.

### **DevOps System Information Tool**

- Collected and structured system metrics to improve visibility into system behavior
- Automated system information gathering using scripting
- Ensured reliability through containerization and CI/CD workflows
- Focused on reproducibility and monitoring of system states
- Designed structured data flows to ensure continuous and reproducible system information updates.

### **FlavorFinder – Recipe Search Web Application**

- Designed and developed a full-stack web application using PHP, MySQL, and XAMPP.
- Implemented database schemas and dynamic search functionality.
- Processed and analyzed application logs using Python to identify performance patterns and support system evaluation.
- Managed version control and deployment using Git.

### **Personal Portfolio Website**

- Built a responsive personal portfolio using HTML, CSS, and JavaScript.
- Applied best practices in frontend development and version control through iterative improvements.

### **Soft Skills**

- Technical communication and ability to simplify complex concepts
- Project coordination and team leadership
- Analytical thinking and problem-solving
- Independent, structured working style with strong initiative

### **Languages**

English — Native

German — A2 (actively improving)

### **Availability**

Available 20 hours per week during the semester  
Increased availability during the lecture-free period

### **Relevant Course Work**

Operating Systems (C/C++ concepts, memory, processes)  
Software Engineering (OOP, Clean Code, Design Principles)