# SHARON ISABELA WANZALA

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## Summary

Diligent and passionate woman in software development with practical experience in Backend and API development, Cloud Computing, Database management, Data Analytics and exceptional customer service Skilled in troubleshooting, optimizing system performance, and building scalable web solutions. Passionate about bridging technology and customer needs by delivering efficient, user-friendly solutions that enhance experience

## Professional Experience

### Freelance Software Developer *(Aug 2023 – Present)*

- Developed scalable RESTful APIs for multiple client projects.
- Provided technical troubleshooting and optimized system performance.

### Control Room Operator – Security Group Africa (SGA)
*(Jan 2024 – Jan 2025) | Nairobi*

- Enhanced fleet tracking through real-time data analysis, improving efficiency by 15%
- Monitored and managed fleet & cargo movements electronically, while providing real-time updates and incident resolution, ensuring minimal service disruptions  and enhancing asset security
- Created data-driven reports using Excel and visualization tools for operations analytics and to improve decision-making.
- Analyzed vehicle trends to optimize logistics and enhance operational efficiency.

### IT Instructor & Support Personnel (Volunteer) –
### Calestous Juma Legacy Foundation Hub (CJLF) *(Jan 2023 – Dec 2023)*

- Led a digital literacy program reaching 500+ learners, covering:
  - Microsoft Office Suite
  - Python programming basics
  - Internet navigation skills
- Reduced technical downtime by 25% through proactive IT support.
- Mentored community members through practical technology projects.

### Software Developer (Trainee) – African Center for Women & ICT (ACWICT)
*(June 2022 – Sept 2022) | Nairobi*

- Regularly updated and maintained the e-learning platform to ensure full functionality.
- Assisted in front-end UI development using React.js & Bootstrap.
- Supported training workshops on coding & software tools.

## PROJECTS

a) Library Management API
*(Node.js, Express.js, Sequelize (ORM))*
Developed a RESTful__**CRUD-based library management API**, ensuring **efficient book tracking and user management**.
🔗 **GitHub:** Library Management API

b) Animated Fitness UI
*(JavaScript, React.js, GSAP, CSS3)*
Built an **interactive fitness UI** with a **responsive design and animations**, enhancing user engagement.
🔗 **GitHub:** Fitclub-React-JS-Animation |
🔗 **Live Demo:** isa-fitclub.pages.dev

## EDUCATION

**B.Sc. Applied Computer Science**
Kisii University

## Certifications & training

- **AWS Certified Cloud Practitioner** – AWS re/Start *(In Progress, Expected 04/2025)*
- **Verizon - Cloud Platform Job Simulation** *(02/2025)*
- **Data Analysis** – Cisco Networking Academy *(09/2024)*
- **MongoDB** - MongoDB University *(11/20222)*

## Technical Skills

- **Programming & Frameworks:**
JavaScript, Node.js, Express.js, Python, React.js
- **Backend Development:**
 API Development, RESTful APIs, GraphQL, Microservices
- **Databases:**
 MongoDB, PostgreSQL, MySQL, SQLite
- **Cloud:** AWS (Cloud     Practitioner
- **Version Control:** Git, GitHub
- **Operating Systems:** Linux, Windows

### Other Skills

- System Analysis & Optimization
- Data Visualization & Analytics
- Technical Troubleshooting

## SOFT SKILLS

- Strong problem-solving & analytical thinking
- Effective communication & teamwork
- Quick adaptability to new technologies
- Continuous learning mindset

## LANGUAGES

- English – Fluent
- Swahili – Fluent