

# Edward Koikai

## Software Developer

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### PROFILE

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- Results-driven Software Developer with expertise in designing and developing scalable web applications, backend systems, and user-centric solutions. Proficient in **JavaScript, Python, React**, and **NestJS**, with a strong foundation in **UI/UX design, database optimization**, and **RESTful API integration**. Adept at solving complex business challenges through technology, with a proven track record of improving system performance, reducing downtime, and enhancing user experiences. Passionate about continuous learning and contributing to innovative projects in the IT industry.

### SKILLS

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- Programming Languages: HTML, CSS, JavaScript, Python, TypeScript
- Database Systems: Firebase, MySQL, SQLite, PostgreSQL
- Frameworks & Libraries: ReactJs, Tailwind, Bootstrap, Flask, NestJs
- Tools: FastAPI, Figma, RESTful API, BitBucket, Jira
- Soft Skills: Teamwork, Project Planning, Communication, Problem Solving

### PROFESSIONAL EXPERIENCE

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#### Muva Tech

Juja, Kenya

##### Software Developer

- Designed and developed scalable web applications using **React** and **NestJS**, improving system performance by **25%** and user engagement by **30%**.
- Engineered **RESTful APIs** with **JWT authentication**, enabling secure data exchange for **10,000+ monthly active users**.
- Optimized database performance by refining queries and indexing strategies in **PostgreSQL** and **MySQL**, reducing query response times by **40%**.
- Collaborated in **agile development cycles**, contributing to a **20% reduction in production bugs** through code reviews and debugging.

#### Makyol Solutions

Ngong, Kenya

##### Field Network Technician

- Installed and configured Wi-Fi systems for 10+ clients, improving network connectivity by 30%.
- Conducted regular maintenance of network infrastructure, ensuring a 20% reduction in system downtime.
- Performed site surveys and optimized network layouts, resulting in a 15% reduction in potential obstacles

#### Kenyatta National Hospital

Nairobi, Kenya

##### IT support and Network Intern

- Diagnosed and resolved hardware and software issues, reducing user-reported problems by 25%.
- Assisted in the implementation of security measures, safeguarding 50+ user accounts.
- Provided technical support to users both remotely and on-site, assisting with troubleshooting and maintenance.

### EDUCATION

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#### Bachelor of Business Information Technology

Meru, Kenya

##### Meru University

#### Software Engineering

Nairobi, Kenya

##### Moringa School

### REFERENCES

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Available upon request.