

JOANNE NDIRANGU

SUMMARY

A highly motivated and goal-oriented software engineer and Bachelor of Business Information Technology student, with a great zeal to excel, while meeting organizational goals. I have the ability to build lasting relationships with clients, co-workers and outside agencies which is vital for development of good business opportunities that will allow an organization to achieve its corporate objective effectively, efficiently and cost effectively, in accordance with policies and procedures set out for all. I am very keen on learning new concepts quickly, working well under pressure and communicating ideas clearly and effectively both orally and in writing. Also willing to learn new things and expand my knowledge.

SKILLS AND ABILITIES

- Technical Skills: Proficient in both frontend and backend development
- Programming Languages: Python, JavaScript, SQL
- Frontend Development: HTML, CSS, JavaScript, React, Bootstrap, Tailwind CSS
- Backend Development: Flask, Node.js, Express.js
- Database Management: MySQL, PostgreSQL
- APIs & Integrations: REST APIs, Fetch/Axios, JSON
- Version Control & Deployment: Git, GitHub, GitLab, Netlify, Vercel
- Testing Frameworks: Jest, Pytest, Chrome DevTools
- Other Tools: VS Code, Postman, Figma (basic for UI prototyping)

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- **Soft Skills:**
 - A team player with strong interpersonal skills and ability to achieve objectives in a team setting.
 - Clear communication skills (both oral and written).
 - Decisive yet flexible in responding to a constantly changing work environment.
 - Able to deliver with minimal or no supervision.
 - Critical thinker and problem solver.
 - Research proposal and report writing.

EXPERIENCE

Software Engineering Intern

Apprentice Cloud, [Nairobi/Kenya]

May 2024 – September 2024

- Gained experience in JavaScript, HTML5, CSS, Responsive Web Design, Bootstrap framework.
- Collaborated with cross-functional teams to design, develop, and implement new features.
- Participated in code reviews and debugging processes to enhance code quality and reduce bugs.

ICT Attaché

Office of the Registrar Tribunals (ORT), [Nairobi/Kenya]

June 2024 – August 2024

- **Troubleshooting and Maintenance:** Addressing slow PCs, resolving network issues, and performing inspections of laptops and computers to check for hardware malfunctions. This included reconfiguration of RAM hardware and updating machine drivers.
 - **Setup and Configuration:** I set up video conferences for virtual hearings, connected new devices to printers, and installed printer
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drivers on new machines. I also addressed and resolved Wi-Fi problems affecting printer functionality.

- Website Development: I reviewed the newly created tribunals' website and built a practice website using HTML and CSS basics. I even started learning JavaScript, which enhanced my programming skills.
 - QR Code Generation: I created QR codes for rulings and judgments across various tribunals, including the HIV and AIDS Tribunal and the Copyright Tribunal, ensuring that digital access to court documents was streamlined.
 - Networking: I assisted in the installation of new access points and added ethernet cables to improve network connectivity across different offices within the ORT.
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EDUCATION

MAY 2023 – NOV 2023: MORINGA SCHOOL – SOFTWARE ENGINEERING

COURSE

2021 – 2025: MULTIMEDIA UNIVERSITY OF KENYA– BACHELOR OF BUSINESS INFORMATION TECHNOLOGY

Currently awaiting graduation

2017– 2020: PRECIOUS BLOOD SECONDARY SCHOOL RIRUTA – KENYA CERTIFICATE OF SECONDARY EDUCATION (KCSE)

Grade obtained: B

2009 – 2016: HOSPITAL HILL PRIMARY SCHOOL– KENYA CERTIFICATE OF PRIMARY EDUCATION (KCPE)

Marks obtained: 385 marks

LANGUAGES

English (both written and oral) Good

Kiswahili (both written and oral) Good

INTERESTS AND

- A member of the youth group in my local church where we mentor teenagers;

HOBBIES

- Reading books and current tech articles and journals.

REFERENCES

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Limited

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