

JOAN CHEPNGETICH

SOFTWARE DEVELOPER

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PROFILE

Architect, develop, and sustain robust server-side components for web applications as a backend software developer. Specialize in optimizing application logic, managing databases and designing seamless application programming interfaces (APIs) to enhance overall application performance and functionality.

EDUCATION

KCA UNIVERSITY

Bachelor of Business and Information Technology
Second Class Honors (Upper Division)

Nairobi, Kenya.

2017 - 26th Nov, 2021

OL'LESSOS TECHNICAL TRAINING INSTITUTE

Automotive Engineering
Certificate

Eldoret, Kenya.

May 2017- August 2017

EXPERIENCE

E&M TECHNOLOGY HOUSE LTD

ELP Tech Apprenticeship Program

Backend Software Developer

- Engineered a Loan Default Litigation System using Java and Spring Boot, leveraging RESTful APIs and MySQL to reduce loan defaults in financial institutions.
- Collaborated with cross-functional teams to define project requirements and deliver robust software solutions on time.
- Deployed applications using Docker and Kubernetes, enhancing deployment efficiency and reducing downtime.
- Utilized version control systems, that is, Git for source code management, improving collaboration and tracking changes effectively.
- Researched and adopted new technologies and frameworks, keeping the development stack current and competitive.

EQUITY CENTER

Data Clerk

Nairobi, Kenya

June 2021 – August 2021

- Ensured data correctness and integrity by entering and updating data in the DMIS database.
- Spreadsheets were made and arranged to handle and track crucial data.
- Improved data management procedures by moving data from hard copies to a digital database.
- Enhanced office productivity by performing routine database backups and providing administrative assistance.

LEADERSHIP AND ACTIVITIES

EQUITY LEADERS PROGRAM MENTOR

- Mentored different high school students from Wings to Fly program, guiding them in academic and personal development, conducting motivational sessions and assisting with community service projects
- Mentored and coached Wings to Fly scholars, providing constructive feedback to drive continuous improvement.

SKILLS

Technical: Computer Skills and Competence: Ms. Word, Ms. Excel, Ms. Power point, Ms. Publisher and Internet essentials
: Programming languages include Java, C+ and C #, HTML, CSS, Typescript and JavaScript.

Languages: Kiswahili, English

Interests: Giving back to the society, playing football and listening to music.

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PluralSight: <https://app.pluralsight.com/profile/joan-chepngetich>