

# EVANS LOKTARI CHAUN

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## SUMMARY

Software Developer with practical experience in developing and optimizing user-centric applications. Proven ability to: Develop and deploy fully functional websites, including a Learning Management System, enhancing usage and engagement. Optimize web performance, improve page load times, and enhance interface responsiveness. Collaborate with diverse teams through practical instruction and technology upgrades. Aims to leverage analytical skills and technical expertise in delivering enhanced product features and solutions.

## EDUCATION

**ALX** **Aug 2023 - Sep 2024**  
*Software Engineering Program*

**Meru University of Science and Technology, Meru, Kenya** **Jun 2019 - Jun 2023**  
*Bachelor of Science, Computer Science*

## WORK EXPERIENCE

**Digiview Training Institute** **Feb 2024 - Present**  
*Software Developer* *Nairobi - Kenya*

- Developed and enhanced website features using WordPress, improving page load times by 20% and using responsive design techniques.
- Utilized SQL and relational database management techniques to analyze student and operational data, identifying key trends that enhanced operational efficiency by 25%.
- Taught programming, web development, and data science with a focus on object-oriented programming and front-end tools such as Django and React, improving student performance by 30%.
- Designed and produced multimedia promotional materials using Adobe Photoshop and Illustrator, aiding in a 15% increase in student enrollment.

**Capital Highway Training College** **Jun 2023 - Feb 2024**  
*ICT Officer* *Laikipia - Kenya*

- Developed and deployed a dynamic website and LMS using object-oriented PHP (Laravel) and MySQL, increasing user engagement by 30%.
- Ensured 99% system uptime through comprehensive ICT support, which included Java programming for troubleshooting software issues involving over 300 users.
- Optimized ICT infrastructure with enhanced server configurations and network security, which included shell scripting on Linux systems to reduce technical issues by 20%.
- Created engaging promotional digital and print media using Adobe Photoshop and Illustrator, achieving a 15% rise in student enrollment.
- Educated over 50 students in ICT courses, delivering structured lessons on critical topics including Operating Systems, C++, Java programming, and fundamental Networking concepts.

**National Hospital Insurance Fund (NHIF)** **Apr 2022 - Jun 2022**  
*Attachment*

- Automated user account creation and privilege assignment using Active Directory, improving account setup efficiency by 30% and ensuring secure access to critical systems.
- Monitored network and core system performance using Wireshark and Nagios, resolving over 50 issues in real time to maintain 99.5% uptime across all systems.
- Provided technical support for over 300 users, resolving complex software and hardware issues, conducting preventive maintenance, and escalating critical problems to specialized teams.

## PROJECTS

### Capital Highway Training College Website and LMS

- Developed and deployed a website and Learning Management System (LMS) using PHP (Laravel) and MySQL, increasing user engagement by 30%.

### Digiview Training Institute Website

- Enhanced website user experience and operational efficiency using WordPress and Elementor, resulting in improved satisfaction scores.

### Examination System

- Developed a robust examination system using Django and React.js, improving examination management efficiency by 20%.

### Africonnect Recipe System

- Built a recipe management system using React.js and MongoDB as part of ALX Portfolio, allowing users to manage and share recipes seamlessly.

### Biometric Voting Management System

- Designed a biometric voting management system using C# and SQL Server, increasing voting accuracy and reducing fraud in voting processes.

### Timetabling System

- Developed a timetabling system using PHP and MySQL, automating the scheduling process and reducing errors in class allocations.

## SKILLS

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- **Programming & Frameworks:** Node.js (Express, React), PHP (Laravel), Python (Django, Flask), Java (Spring Boot, Spring Framework), C# (ASP.NET, Windows Forms), C, Object-oriented programming
- **Frontend Development:** HTML, CSS, Bootstrap, Web application development, Figma, WordPress
- **Web Development & Hosting:** AWS, Heroku, Netlify, Vercel
- **Software Development Methodologies:** MVC, Agile (Scrum), Test-Driven Development (TDD), RESTful APIs, GraphQL
- **Development Tools:** GIT, GitHub, Postman, Insoomnia, Package Managers (npm, pip), Visual Studio Code, JetBrains IDEs, Version Control, Linux, Shell scripting
- **Database Management:** SQL Server, MySQL, PostgreSQL, MongoDB, SQLite, SharePoint, Relational Database Management Systems, SQL
- **Data Science & Visualization:** Power BI, Tableau, Excel, Python (Pandas, NumPy)
- **ICT Support & Maintenance:** System Optimization, Troubleshooting, Queue Management Systems, Disaster Recovery Planning, Network Administration
- **Graphic & UX Design:** Adobe Photoshop, Illustrator, InDesign, Figma, User Experience (UX) Design
- **Soft Skills:** Problem-Solving, Interpersonal Skills, Collaboration, Leadership, Training and Development, Communication, Time Management, Emotional Intelligence, Customer Service

## CERTIFICATIONS

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- **React Certification - Skill Up by Simplilearn:** January 2024
- **HIKVISION CCTV TRAINING:** Sept 14, 2024
- **Python Certification - Skill Up by Simplilearn:** January 2024
- **Java Certification - Skill Up by Simplilearn:** March 2022
- **Machine Learning AWS Training and Certification:** May 2024
- **Data Science WorldQuant University:** Current
- **Back-end development and APIs - FreeCodeCamp:** September 2022