

POLYCAP DISHON

Software Developer & Problem Solver

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Innovative Software Developer with 3+ years of experience crafting robust, scalable web applications. Adept at bridging the gap between frontend aesthetics and backend functionality. Known for delivering high-impact solutions that drive business growth and enhance user experiences. Committed to staying at the forefront of emerging technologies and best practices in web development.

TECHNICAL EXPERTISE

Frontend	Backend	Databases	DevOps	Other
HTML5/CSS3	PHP/Laravel	SQL/MySQL	Git/GitHub	RESTful APIs
JavaScript	Java	PostgreSQL	CI/CD	System Administration
React/Vue.js	Go/Gin	Firebase	AWS/Azure	Network Architecture
jQuery	Node.js/Express.js	MongoDB		Agile Methodologies
Bootstrap/Tailwind				Microservices

PROFESSIONAL EXPERIENCE

FULL-STACK DEVELOPER, XTRANET COMMUNICATIONS

May 2023 - Present

- Spearheaded the development of a high-traffic e-commerce platform, resulting in a 40% increase in user engagement and 25% boost in sales conversions
- Collaborated in developing a comprehensive solution designed to address the complexities of modern waste management serving 1000+ households and corporations
- Implemented a microservices architecture, improving system scalability and reducing server response time by 30%

- Mentored junior developers, leading to a 50% improvement in team productivity and code quality

## **FREELANCE SOFTWARE DEVELOPER – ONLINE CONTRACTS**

*April 2021 - May 2023*

- Delivered 10+ custom web applications for diverse clients, achieving an average client satisfaction rate of 4.8/5
- Engineered a real-time inventory management system for a retail client, reducing stock outs by 60%
- Optimized database queries and implemented caching strategies, improving application load times by 45%

## **EDUCATION**

### **Bachelor of Science in Computer Science & Information Technology**

The East African University, Kenya | *May 2018 - December 2022*

*Second Class Honor (Upper Division)*

## **LANGUAGES**

- English (Full Professional Proficiency)
- Kiswahili (Native Proficiency)

## **SOFT SKILLS**

- Exceptional problem-solving and analytical thinking
- Strong leadership and team collaboration
- Excellent verbal and written communication
- Adaptability and quick learning in fast-paced environments
- Attention to detail and commitment to code quality

## **CERTIFICATIONS**

- Canon Therefore Certification

## **NOTABLE PROJECTS**

1. **Waste Management Platform:** Participated in developing a comprehensive solution designed to address the complexities of modern waste management with a goal of innovating waste management solutions for circular economies in Africa using Vue, Go, PostgreSQL stack, serving 1000+ households and corporations
2. **E-commerce Web App:** Collaborated in developing a comprehensive, scalable and user-centric e-commerce platform to help merchants

easily set up and manage their online stores using [React.js](#), Typescript and Laravel, serving 2000+ customers

3. **Digital Investment Platform:** Collaborated with cross-functional team in developing and enhancing a secure digital investment platform using Web flow, Vue.js and Laravel

4. **E-Learning Platform(Elimuwave):** Developed a full-stack MOOC platform using MERN

5. **County Allowance Management System:** Collaborated in the design and development of an integrated system for the Siaya County Assembly to streamline the management of member allowances, committee operations, attendance, and staff data.

**Key system features included:**

. **Allowance Management:** Automated calculation of sitting allowances based on meeting types and attendance.

. **Committee & Meeting Tracking:** Scheduling, attendance recording, and committee oversight functionalities.

. **Staff & MCA Management:** Profiles, departmental roles, and ward-based assignments.

. **Budgeting & Reporting:** Budget allocation, expenditure tracking, and report generation for financial transparency.

. **Security:** Role-based access control, two-factor authentication, and encrypted data handling.