

# DAVID SEME LUVAI

SOFTWARE ENGINEER

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## PROFESSIONAL SUMMARY

Software Engineer with experience building robust, scalable web applications using PHP and Python. Proven expertise in developing high-traffic e-commerce platforms serving hundreds of users, implementing RESTful APIs, and optimizing system performance. Passionate about clean architecture, continuous improvement, and delivering exceptional user experiences through thoughtful backend engineering. Strong foundation in database design, system integration, and full-stack development with a focus on performance and reliability.

## TECHNICAL SKILLS

PHP| Python| JavaScript| .NET| SQL| Flutter| Dart| SEO optimization | Django| Bootstrap| Tailwind CSS| GitHub Actions| Docker| NLTK| Scikit-learn| MySQL| PostgreSQL| Microsoft Dynamics NAV/Business Central | Power BI | Data Visualizations | Machine Learning | Predictive Modeling | API Development

## WORK EXPERIENCE

### Software Engineer | Loci Africa Ltd | Nairobi, KE

October 2023 – Present

Focused on developing ERP solutions, Android applications, and BI dashboards to optimize enterprise operations.

- Developed and customized ERP solutions using Microsoft Dynamics NAV/Business Central and .NET, streamlining enterprise operations.
- Built and maintained Android applications, enhancing operational efficiency and field data collection.
- Designed and deployed interactive Power BI dashboards, empowering leadership with real-time business intelligence.
- Integrated Microsoft Business Dynamics NAV with external portals, ensuring seamless, secure data synchronization.
- Led data migration and business process automation initiatives, improving reporting speed by 45%.

### Senior Software Engineer | Namfront Solutions | Nairobi, KE

January 2024 – Present

Focused on designing scalable systems, optimizing databases, and mentoring engineering teams for enterprise clients.

- Design and implement scalable system architectures for enterprise clients
- Lead integration projects between ERP systems and custom applications
- Optimize database performance and business intelligence solutions
- Mentor junior engineers and establish development best practices

### Software Engineer Intern | ByteCity Ltd | Nairobi, KE

May 2022 – August 2022

Contributed to web application development and team workflows in a collaborative environment.

- Developed and maintained web applications using Python, Django, JavaScript, and Tailwind CSS.
- Assisted in database design, testing, debugging, and software deployment.
- Gained hands-on experience with Agile methodologies and version control using Git.

## EDUCATION

### BACHELOR'S DEGREE | Computer Science | The Cooperative University of Kenya

2019 – 2023

## PROJECTS

### E-COMMERCE SYSTEMS

- [MUBI LEATHER](#)
- [VIROVIL COFFEE](#)
- [KAKIA OILS](#)

SIDE PROJECTS:1. [ERP Sales Analysis System](#)

2. [Hotel Chatbot \(NLP Project\)](#)