

PAULINE KORUKUNDO

Tel: +12603481814 | Email: pktpaulie@gmail.com

SUMMARY

- PMP certified project manager with 4 years of experience in project management
- 8 years' experience in a dynamic startup environment working in product development as a Systems Engineer.
- 8 months' experience in web development
- Problem Solving Skills
- Hardware: Hardware Configuration, Embedded Systems, Basic Wiring, and Troubleshooting

EDUCATION

Master of Science in Computer Science, Purdue University Fort Wayne, Indiana, USA, **May 2025 (GPA: 4.0)**

Master of Science Electrical and Electronic Engineering, University of Nottingham, UK, **Dec 2015**

BSc. Telecommunications Engineering, Makerere University, Kampala, Uganda, **Jan 2012 (CGPA: 4.15/5)**

CERTIFICATIONS AND TRAINING

- **Certificate in Software Engineering and Bootcamp**, Refactory, Kampala, Uganda, January 2023 - Nov 2023
- **Project Management Professional (PMP) Certification**, Dec 2022 -Nov 2025
- **Automotive Assembly and Manufacturing**, Automotive Training Academy, South Africa, Oct – Nov 2016
- **Foundations of Management Specialization**, IESE Business School, University of Navarra, Spain 2016
- **MotoHawk for the MATHWORKS MATLAB/ SIMULINK**, New Eagle LLC, September 2012

PROFESSIONAL EXPERIENCE

Product Validation Engineering Intern

May 2024 – August 2024

Daimler Truck North America, Freightliner Custom Chassis

South Carolina, USA

- Hardware in the Loop Testing using MATLAB/Simulink
- Developed models for a test bench for one of the vehicle control modules using a real time simulator

Engineering Team Lead

July 2021 – March 2022

Zembo Motorcycles SMC Ltd

Kampala, Uganda

- Testing and selection of an improved powertrain for the Zembo Storm model
- Swap Station Energy System Setup and Monitoring

Vehicle Integration Manager

May 2016 – May 2021

Kiira Motors Corporation

Kampala, Uganda

- Technical team lead on Bulamu Medical Ventilator Project and development of control logic
- Electric Bus Assembly – powertrain, electronics, and interior assembly
- Developed, validated and maintained control software for prototype vehicles
- Developed test specifications, datasheets, statements of work, as well as standards for Road Vehicles in Uganda

Researcher – Vehicle Electronics and Information Systems

May 2013 – April 2016

Kiira Motors Corporation (Study Leave: Sept 2014 – Sept 2015)

Kampala, Uganda

- Developed firmware for vehicle control units, and vehicle and system level testing
- Led the Kiira EV SMACK hybrid vehicle project as an Assistant Project Manager
- Saved the company \$10,000 worth of raptor development tools to upgrade the vehicle control units and software

Research Assistant – Vehicle Electronics and Information Systems

July 2011 – April 2013

Kiira EV Project, CRTT, Makerere University

Kampala, Uganda

- Developed an onboard diagnostics tool and control logic for CAN-based vehicle control units

Student Developer and Intern

August 2008 - May 2011

Academic Records Management Systems'(ARMS) Project

Kampala, Uganda

- Business process modeling, managed network operations and configured Linux servers