ZADDIK MATHEW KIGEN

Software Engineer

Phone:	0741 838 257
Email:	Zaddik.mathew@gmail.com
Nationality:	Kenyan
Languages:	English, Swahili, Kalenjin

Professional Summary

A dedicated and driven Software Engineer with a strong foundation in software development, networking, and system maintenance. Equipped with hands-on experience in real-world projects and professional training, I am proficient in front-end and back-end development, system installation, and troubleshooting. Committed to leveraging my skills to create innovative solutions and deliver exceptional results in the tech industry.

Education

KIRINYAGA UNIVERSITY

- Bachelor of Science in Software Engineering

  Second Class Honors (Lower Division)

  2020-2024

BARINGO HIGH SCHOOL

- Kenya Certificate of Secondary Education (KCSE)

  Grade: B (Plain)

  2016-2019

GREEN VIEW KABIMOI

- Kenya Certificate of Primary Education (KCPE)

  Marks: 375

  2007-2015

Work Experience

KENYA INSTITUTE OF SOFTWARE ENGINEERING (KISE)
IT Directorate Attaché, June 2023–August 2023

- Developed and maintained front-end components for web applications using HTML, CSS, JavaScript, and React.

- Collaborated with cross-functional teams to design intuitive user interfaces and improve user experience.

- Performed data analysis tasks to provide insights for decision-making processes within software projects.

- Worked on integrating machine learning algorithms into web solutions to automate tasks and enhance performance.

KIRINYAGA COUNTY GOVERNMENT
IT Directorate Attaché, May 2022–July 2022

- Assisted in the development and maintenance of county systems to streamline data management.

- Participated in the maintenance and optimization of IT infrastructure.

- Supported the development and deployment of public service software.

- Conducted networking and system security reviews.

- Contributed to front-end development for internal software systems used by department staff.

Skills

- **Software Development (Front-End):** Proficient in HTML, CSS, JavaScript, React.js, and Vue.js for creating responsive, user-friendly web interfaces.

- **Machine Learning:** Familiar with implementing basic machine learning algorithms using Python (TensorFlow, Scikit-Learn) for predictive modelling and automation.

- **Problem-Solving:** Strong analytical skills for troubleshooting and optimizing code for performance.

- **Back-End Development:** Highly proficient in PHP, Node.js, MySQL for creating and maintenance of websites

- **Agile Methodologies:** Familiar with Scrum and Kanban frameworks for project management and development cycles.

- **Version Control:** Skilled in using Git and GitHub for code collaboration and version control.

Hobbies and Interests

- **Open-Source Contribution:** Actively contributes to open-source projects, collaborating with the global developer community.

- **Hackathons:** Enjoys participating in coding competitions and hackathons to solve real-world challenges through technology.

- **Artificial Intelligence Enthusiast:** Interested in exploring AI innovations and integrating AI-driven solutions in software development.

Projects

Real Estate Management System

- Supported the development and deployment of public service software.

- Designed and developed a system for managing real estate properties, tenant records, and lease agreements.

- Integrated functionalities such as automated billing, payment tracking, and notifications.

- Ensured the system was user-friendly and scalable.

Refrees:

Name : Joseph Njuguna
Contact: 0722503101
Occupation: Currently working at Kenya Institute of Software Engineering

Name: Nicholas Kirui
Contact: 0723545545
Occupation: Currently working as a lecturer at Wote technical Insitute.

OFFICE OF THE REGISTRAR AND ACADEMIC ADMINISTARTION

_____

Kenya Institute of Software Engineering
P.O BOX 375-01000,
THIKA.
25TH AUGUST, 2022

To Whom It May Concern,

Subject: Recommendation letter for Zaddik Mathew kigen-38942602

It is with great pride that I write this commendation letter for Zaddik Mathew Kigen, who recently completed a three-month attachment at our institution, the Kenya Institute of Software Engineering. During his time with us, Zaddik exhibited exceptional dedication, professionalism, and a genuine passion for his work. His ability to adapt quickly to new environments and challenges was particularly impressive, making him an asset to our team.

Zaddik demonstrated strong technical skills, particularly in ICT and software engineering. He approached each task with precision and creativity, consistently producing high-quality results. Additionally, his problem-solving abilities and analytical mindset allowed him to address complex issues efficiently, often proposing innovative solutions that benefited our operations.

Equally commendable was Zaddik's teamwork and communication skills. He collaborated effectively with colleagues and showed a willingness to assist and learn from others. His positive attitude, coupled with his strong work ethic, left a lasting impression on both staff and students at our institution.

We wish Zaddik the very best in his future endeavors and are confident he will excel in any role or opportunity he pursues. Should you require further information, please feel free to contact us.

Sincerely,
Joseph Njuguna-0722503101

Quality control and Assurance

Kenya Institute of Software Engineering and professional studies college