WILLIAM WAMBUGU

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Professional Summary

I am a passionate and results-driven Data Analyst and Full-Stack Software Engineer with a strong foundation in Mathematics and Computer Science. My expertise spans software development, data analysis, and statistical modeling, allowing me to solve complex problems efficiently. I thrive in dynamic environments that challenge my technical and analytical skills, whether in software engineering, data-driven decision-making, or research. I am eager to contribute innovative solutions to modern technological challenges while continuously learning and growing in the field.

Skills

- Programming: C, C++, JavaScript, React, Angular, HTML, CSS, Next.js, Python, SQL

- API Technologies: RESTful APIs, Postman, Swagger/OpenAPI, JSON

- CI/CD & DevOps: Git, GitHub Actions, Docker, Continuous Integration, Continuous Deployment

- Data Analysis: SPSS, EPIDATA, Excel

- Performance Contracting & KPI Monitoring

- Research Proposal Development

- Risk Management

- Digital Marketing

- Soft Skills: Problem-Solving, Critical Thinking, Leadership, Teamwork

Experience

ICT, Research & Data Analyst (Attachment)

  Mwai Kibaki Hospital (Kenyatta National Hospital Annex), 2023

- Customer support

- Software and hardware installation

- Network troubleshooting

- Conducted performance monitoring and evaluation of key hospital indicators

- Assisted in research proposal development and statistical analysis

- Used SPSS and Excel for data visualization and reporting

Software Development Projects

- Collaborated on data-driven applications integrating statistics and programming

- Built and maintained React-based applications

- Designed and implemented dynamic web solutions

Education

Moringa School

Full-Stack Software Development (*2025*)

Murang'a University of Technology

BSc. Mathematics & Computer Science (*2020-2024*)

Languages

- English

- Swahili

References

Available upon request