
Daniel Wambua Munyao

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Location: Nairobi, Kenya.

Website: <https://danielwambua254.github.io/portfolio/>

Profile

I am a Software Engineering graduate trainee at Attain Enterprises solutions limited and recently graduated from Murang'a University of Technology, where I achieved a Second-Class Upper Division.

I consider myself a multi-talented individual with diverse skill set encompassing software development, software design and architecture, android app development, web app development and general digital literacy. I am well versed in the latest principles of android and web application development. My strong understanding of web design principles enables me to create visually appealing and responsive web applications.

I am confident in my ability to contribute a diverse set of skills to any project.

Skills

- Excellent communication skills in English both written and verbal.
- Experience working with team of software engineers.
- Java - I have a strong understanding of the Java programming language, with a deep understanding of its features and capabilities. I am able to develop complex and scalable applications, utilizing my expertise in object-oriented programming, data structures and algorithms, and software design patterns.
- Android app development – I'm proficient in designing and developing mobile apps using Java and Flutter using android studio.
- ReactJs. – Experience in developing robust, scalable and maintainable front-end applications using react framework.
- NodeJS – I have the capacity to write server-side apps and REST API endpoints using express server to connect front end apps to database.
- Flutter – I have the skills to create stunning and robust apps using react framework using robust flutter widgets and functionalities.
- Full stack development – I have the skills and ability to create robust web application using Yii2 framework and MySQL database and PHP.
- MySQL – Experience in MySQL database and SQL queries coding.
- JavaScript - I have a solid foundation in JavaScript. I can create dynamic and interactive interfaces with JavaScript.

- VMWare – Experience working with VMWare esxi and can create and configure virtual machines in the on-premise servers.
 - HTML5 and CSS3 - I am proficient in HTML and CSS, able to effectively create and design web pages that are clean, organized, and visually appealing.
 - Git and GitHub – I have the ability to use and collaborate with other developers using git in development process, and managing releases using git and GitHub VCS.
 - WordPress CMS – I'm able to rapidly develop and maintain websites using WordPress and other content management systems such as googles sites and wix.
 - UI/UX – Skilled in creating and designing visually appealing user interfaces using Figma and Canva.
 - Microsoft 365 - Skilled in power apps, power automate and share point. Ability to use MS office suite of applications, including Word, Excel, PowerPoint, and Outlook, to create, organize, and present professional-grade documents, spreadsheets, presentations, and emails with ease.
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Experience

May 2023 – August 2023

Spartec Consortium Africa – Limited (SCA)

Software Engineer – Attaché

Duties

- Led a team of attaches in the comprehensive redesign and development of the Spartec Consortium Limited Africa website enhancing user experience and implementing innovative design principles.
- Assumed the responsibility for maintenance and upkeep of the Teaching at the Right Level (TaRL) website ensuring seamless functioning.
- Spearheaded the development of an innovative invoicing system for Spartec Consortium Africa.
- Displayed proficiency in graphic and web design, contributing to the overall visual appeal and responsiveness of Spartec Consortium Africa digital presence. Utilized keen eye for detail and creativity to enhance the graphical elements of the website ensuring a visually engaging and cohesive user experience.
- Collaborated with cross-functional teams, including marketing team to integrate visual and graphic elements effectively, aligning with company's brand identity and enhancing overall brand recognition.
- Demonstrated hands on approach to problem solving, addressing technical challenges and ensuring successful implementation of solutions.

These experiences not only allowed me to apply and strengthen my technical skills but also provided valuable insights into effective project management, teamwork and the practical application of software engineering principle in a practical setting.

May 2024 – August 2024

Attain Enterprises Solutions Limited

Software Engineer – Intern

Duties

- Collaborated with supervisor in developing Visitor Management System (VMS).
 1. I did the UI/UX of the system using Figma (both web version and mobile version).
 2. Worked closely with the supervisor in designing the system database and implementation using MySQL.
 3. Worked closely with supervisor in developing the mobile app version of the system using flutter.
 4. Developed the web version of the system using React. Js.

September 2024 – present

Attain Enterprises Solutions Limited

Software Engineer – Graduate Trainee

Duties

- System tester – Participated in the upgrading of Capital Markets Authority (CMA) online portal playing the role of system testing and bug reporting.
- Providing system support – Providing support to various portal such as Uganda Retirement Benefits Regulatory Authority (URBRA) and KCA University.

Projects

- Spartec Consortium Africa website – I led a team of developers in redesigning and development of Spartec consortium website using Figma and WordPress.
Link: <https://spartec.co.ke/>
- Teaching at the Right level (TaRL) website maintenance – Entrusted with task of keeping an eye on TaRL website. Link: <https://teachingattherightlevel.org/>
- Invoicing system – I undertook the role of a team lead in development of invoicing system for Spartec consortium Africa limited.
- Visitor Management system –I closely worked with supervisor at Attain Enterprises solutions limited to develop he visitor management system, both mobile and web version.
- BlogBurst – I designed and developed a personal web application that allows users to read post and edit blogs, support secure login and authentication using JavaScript web token. Technologies used include ReactJs, node and MySQL.
- Fertility-tracker – I developed android application to track periods and fertility for women and girls. The app boasts secure login and offline data storage using SQLite.
- Portfolio website - Created a static personal website using HTML, CSS, and JavaScript, showcasing technical skills and projects. Used the powerful VS code IDE, git and GitHub to achieve success in this project.

Link to the website: <https://danielwambua254.github.io/portfolio/>

- QR and Barcode Scanner and Generator - A versatile barcode and QR code scanner and generator app. Developed with Java, using android studio. It allows you to scan and generate codes quickly and easily.
 - Tic-tac-toe - This is an android Tic-tac-toe app that I recently developed using Java programming language.
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Education

Murang'a University of Technology (September 2020 – August 2024)

- Course: Bachelor of Science in Software Engineering.
Second class honours - upper division.

Mukaa Boys' High School (January 2016 – November 2019)

- Successfully completed high school education achieving a B+ grade in Kenya Certificate of Secondary Education (KCSE).
 - Received multiple awards for outstanding performance in internal exams.
 - Recognized for excellence in extracurricular and participation in science contests.
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Certifications And Licensing

- HTML, CSS and JavaScript for web-developers - Coursera (John Hopkins University).
- Developing clod apps with Node.js and react – Coursera (IBM).
- React Basics – Coursera (Meta).
- Build website with WordPress – Coursera.
- Networking essentials – Cisco skills for all.
- Crash course on python - Coursera (Google).
- Principles of UI/UX – Coursera (Meta).
- Prisma SASE Solution Overview for MSP/MSSP – Palo Alto Networks.
- The Fundamentals of SOC (Security Operations Center) – Palo Alto Networks.
- Fundamentals of Network Security – Palo Alto Networks.
- CGSP-CCTV – Hikvision
- Foundations of Digital Marketing and E-commerce – Coursera (Google)

Hobbies

- Car enthusiast
 - Travelling
 - Reading articles and blogs
 - Cycling
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References

Robert Musau

Chief Technology Officer (CTO) – Attain Enterprises solutions limited

Professional relationship - Supervisor

Phone: 0791 698270

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Emmanuel Kiptoo

Junior System developer – Attain enterprises solutions limited.

Professional relationship – Colleague

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Intern – Teach2give

Relationship - Friend

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