| Emmanuel NKUBITO  **Software Engineer** with **3+ years** of experience. Strong ownership mindset, proficient in backend technologies, excellent communication and collaboration skills, and a passion for learning and adapting to new technologies. | [emmanuelnkubito2@gmail.com](mailto:emmanuelnkubito2@gmail.com)  +250787311654  <https://www.linkedin.com/in/emmanuel-nkubito>  <https://github.com/nkbtemmy/>  <https://imanzi.netlify.com/> |
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| WORK EXPERIENCE*Galaxy Group Ltd* Backend EngineerRwanda, Kigali (office) August 2023 - PRESENT  * Improved performance and reliability of the system by breaking down the monolith into various microservices * Developed and maintained core product services by using Java under the spring-boot framework. * Built and documented new features and APIs and supported frontend engineers with API integrations * Database management and Dockerlizing applications for production environment.  *Amalitech* Backend Engineer InterneeRwanda, Kigali(hybrid) April 2023 - July 2023  * Designed and implemented Amalitech capacity management platform backend side. * Designed and implemented multi-login but limited concurrent users * Using Django restful framework and swagger UI for REST endpoints documentation.  *Andela* Technical Team LeadRwanda, Kigali(remote) Feb 2023 - May 2023  * Mentored and guided team members to ensure their professional growth and project success. * Conducted code reviews to maintain code quality and adherence to best practices. * Led agile development team, overseeing product development and delivery.  *Hexakomb ltd* Backend Software InterneeRwanda, Kigali(office) Feb 2022 - May 2022  * Designed and implemented a Ticket management app. * Getting introduced to Django rest framework * Using Django restful framework, Springboot framework, and swagger UI for REST endpoints documentation.  *Augmented Future Ltd* Full-stack Software EngineerRwanda, Kigali(remote) Feb 2022 - Jan 2023  * Excelled as a full-stack web engineer, specializing in key technologies: * Proficient in Node.js for server-side development. * Expertise in building dynamic user interfaces using React. * Utilized TypeScript to enhance code quality and maintainability.  *Image Rwanda Ltd* Full-stack Software EngineerRwanda, Kigali(remote) Jan 2021 - Aug 2021  * Applied a diverse skill set as a full-stack web engineer: * Developed responsive and dynamic user interfaces with React and Preact. * Leveraged Firebase for real-time database functionality. * Managed and queried databases using MongoDB and PostgreSQL. * Implemented server-side logic and APIs with Node.js. * Styled applications with precision using Sass CSS for enhanced design.   **EDUCATION** University of Rwanda, Degree B.Sc. Software EngineeringRwanda, Kigali City2018 - 2023University of Rwanda is a public collegiate, multi-campus university based in Kigali, Rwanda.Andela, Certificate of completion, ATLP programRwanda, Kigali City2020 - 2021The Andela Technical Leadership Program is a 9-month program that covers technical and soft skills.PROJECTS **Store Front (Oct 2023 - Present).** Backend Engineer, Node js/Express, PostgreSQL DB, Docker, Sequelize ORM, Cloudinary, Jenkin CI/CD, <https://storefrontsmes-rw.amalitech-dev.net/>  **Vignette management system (Nov 2023 - Nov 2023).** Backend Engineer, Springboot, marial DB, Microservices, Jenkin CI/CD, <https://api-parking.galaxygroup.biz/api/v1/vignetteManager/docs>  **Wedding service management (Oct 2023 - Nov 2023 ).** Backend Engineer, Node js/Express, Typescript, PostgreSQL, Sequelizer ORM, Docker, Docker-compose, Cloudinary, GitHub Actions, <https://weddbooking.vercel.app/>  **Amalitech capacity management system (Feb 2023 - May 2023).** Backend Engineer, Python, Django Restful Framework, Postgres DB, Docker, Docker-compose, AWS(S3 bucket), Jira, Jenkin CI/CD, <https://amali-tech.atlassian.net/jira/software/projects/ACMS/boards/147>,  **Inhouse smart parking management system using computer vision Technique (Aug 2022 -Jan 2023).** Backend Engineer, Node js, PostgreSQL, Python, OpenCV, OCR, Tensorflow, School final project, <https://github.com/EParkingRW/OpenCV_plate_detection> **Barefoot Normad (Feb 2023 - May 2023).** Technical Team Lead, Node js. React js, Typescript, Redux, Docker, Sequelizer ORM, PostgreSQL Database, [https://barefoot6.netlify.app](https://barefoot6.netlify.app/)  **Image Rwanda Platform (Jan 2021 - April 2021).** Technical Team Lead, Node js. React js, Typescript, Redux, Docker, Sequelizer ORM, PostgreSQL Database,,<https://github.com/IMAGE-Rwanda/Image_Rwanda_BackEnd> | LANGUAGES **English**, professional  **Kinyarwanda** native TECHNOLOGIES  * **Stack** * NodeJS, ExpressJS, TypeScript, NestJS, Sequelizer, TypeORM, Mongoose, PostgreSQL, MongoDB, MySQL   **Other**  MongoDB, PostgreSQL, RabbitMQ, Kafka, AWS ( S3), Heroku, on render, REST API, Firebase, Cloud functions, deployment, RDMS, JIRA, Kong, AoS, docker, docker-compose, linting, Unit testing, Integration testing, presentation,  CircleCI, RESTful API, Swagger documentation, Microservices. CERTIFICATES **CMU-A Bridge program (2023)** Technical skills (Building Robot Car, and IoT concepts), and Academic skills like public speaking.  **Andela Technical Leadership Program (2021)** Built a public bus tracking application.  **CCNA, Switching, Routing, and Wireless Essentials(2021)** Foundation in switching operations, wired and wireless LAN configuration using security best practices.  **Noteworthy Skills:**  - **Programming Languages**: Proficiency in Java, Python, and JavaScript (Node.js/React.js).  - **Web Frameworks**: Experience with Express.js, Spring Boot, Django, and Nest.js.  - **Database Management**: Skilled in SQL, PostgreSQL, MySQL, MongoDB, and Firebase.  - **API Development**: Expertise in designing and building RESTful and GraphQL APIs.  - **Server-Side Technologies**: Knowledge of application servers, web servers, and middleware.  - **Cloud Services**: Experience with AWS and Firebase.  - **Containerization**: Proficiency with Docker, Compose, Docker Swarm, and Kubernetes (Current learning).  - **Version Control**: Familiarity with Git and collaborative development best practices.  - **Testing and Debugging**: Ability to write unit tests, integration tests, and debug effectively.  - **Security**: Understanding of authentication, authorization, and encryption best practices.  - **Caching: Familiarity** with caching mechanisms like Redis.  - **Microservices Architecture**: Knowledge of microservices concepts and tools like Spring Cloud.  - **Message Queues**: Proficiency with Apache Kafka.  - **Performance Optimization**: Skills in optimizing database queries, code, and server performance.  - **Monitoring and Logging:** Proficiency in monitoring and logging tools (e.g., Grafana).  - **Agile and Scrum**: Experience working in Agile development methodologies and Scrum teams.  - **DevOps Practices**: Familiarity with CI/CD pipelines and DevOps principles like GitHub Actions, Jenkins, and CircleCI.  - **Soft Skills**: Strong problem-solving, teamwork, communication, and time management. |