

Johnson Munisi

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Results-driven **IT professional** with a Bachelor's Degree in Computer Science and over **3 years** of experience in full-stack software development, systems integration, and application maintenance. Skilled in requirements analysis, prototyping, and development of secure, scalable, and high-performance systems. Proficient in Node.js, Express.js, React.js, Java, and database technologies such as MySQL, MongoDB, Microsoft SQL Server, and Oracle. Experienced in software analysis, code reviews, debugging, and optimization to enhance system performance. Adept at developing desktop, web, and mobile applications including SMS and USSD-based solutions, integrating third-party services, and ensuring compliance with best practices in software documentation, testing, and deployment. Recognized for strong problem-solving, teamwork, and the ability to deliver innovative solutions that improve operational efficiency.

Experience

JANUARY 2023 – DECEMBER 2023

Software Developer & Database Administrator Support | BAKITA | Kijitonyama, Dar es salaam

- Conducted user requirements analysis and prototyping for a Swahili word registration system, ensuring alignment with stakeholder needs.
- Designed, coded, and debugged React.js front-end and Node.js/Express.js back-end applications with MongoDB integration for efficient linguistic data management.
- Performed software analysis, code reviews, and reliability assessments to ensure system stability and security.
- Developed and maintained REST API endpoints and integrated third-party web services for seamless data exchange.
- Utilized Postman for API testing and validation, ensuring reliability before deployment.
- Installed, configured, and maintained application servers to support the developed system.
- Conducted system testing, quality assurance, performance tuning, and debugging to ensure optimal system performance.

JANUARY 2021 – DECEMBER 2022

Software Developer | CRDB Bank Plc | Posta, Dar es salaam

- Participated in requirements gathering, functional analysis, and prototyping for banking applications.
- Designed, coded, and debugged Node.js, Express.js, and React.js banking applications, ensuring secure front-end and back-end integration.
- Developed REST and SOAP APIs and integrated third-party services, improving transaction processing speed by 15%.
- Managed databases (MySQL, Microsoft SQL Server, Oracle), optimizing queries to reduce response time by 20%.
- Installed and configured application servers for banking solutions.

Skills

- **Technical Skills:**

- ✓ Full Stack Development (Node.js, Express.js, React.js, Java)
- ✓ Requirements Analysis & Prototyping
- ✓ Application Development (Web, Desktop, Mobile, SMS, USSD)
- ✓ API Integration (REST, SOAP, Third-Party Services)
- ✓ Software Analysis, Code Reviews, and Debugging
- ✓ System Integration & Automation
- ✓ Database Management (MySQL, MongoDB, Microsoft SQL Server, Oracle)
- ✓ Application Server Installation & Configuration
- ✓ Testing & Quality Assurance (Unit, Integration, Performance)
- ✓ Performance Tuning, Load Balancing, and Usability Optimization

- **Software skills:** Team Collaboration & Communication, Analytical & Problem-Solving, Ability to Learn and Implement New Technologies, Project Management, Attention to Detail.

Education

NOVEMBER 2021 – OCTOBER 2024

Bachelor of Science In Computer Science| University Of Dar es salaam | Dar es salaam, Tanzania

Projects

- Built a fully functional **e-commerce** platform using HTML, CSS, Bootstrap, PHP, and MySQL, enabling seamless online transactions.
- GitHub: <https://github.com/Asantesana45/E-Commerce-main>
- To view all the projects please visit my Github repository: <https://github.com/Asantesana45?tab=repositories>