

Esther Nakungu

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Professional Summary

Motivated and detail-oriented Junior Full-Stack Developer with practical experience in developing scalable web applications using JavaScript, Node.js, and React. Skilled in both frontend and backend development, with a strong foundation in UI/UX design, RESTful APIs, and database systems such as MongoDB and PostgreSQL. Eager to contribute to collaborative, agile teams and deliver high-quality code that enhances user experience and business outcomes. Demonstrated ability to learn quickly, adapt to new technologies, and thrive in dynamic development environments.

Technical Skills

- Languages & Frameworks: JavaScript, Node.js, React.js, HTML5, CSS3
- UI/UX & Design: Tailwind CSS, Material-UI (MUI), Figma
- Databases: MongoDB, PostgreSQL
- Tools & Platforms: Git, GitHub, Postman, Trello, ThunderClient
- CI/CD & Version Control: GitHub Actions, Jenkins
- Content Management Systems: WordPress
- Development Methodologies: Agile, Scrum, Lean

Projects

Payment Automation System — Laboremus Uganda

January 2025 – June 2025

- Spearheaded the design and development of a payment automation platform to streamline salary disbursements and expense reimbursements, achieving a 40% reduction in processing time.
- Built secure and scalable backend services using Node.js and PostgreSQL, with robust transaction handling and multi-level approval workflows.

- Developed dynamic, user-friendly dashboards with React and Tailwind CSS to support real-time financial tracking by HR and finance teams.
- Integrated Nodemailer for automated email notifications, ensuring transparency on approvals, rejections, and status updates.
- Implemented audit logging with PostgreSQL triggers to maintain regulatory compliance and enable comprehensive tracking of financial operations.
- Collaborated cross-functionally with stakeholders to gather requirements, conduct user testing, and iteratively enhance system usability and performance.

Grocery Web Application

June 2024 – September 2024

- Developed a full-stack web application to digitize procurement and sales operations for a local grocery business, reducing manual paperwork by 60% and improving data accuracy.
- Designed and implemented RESTful APIs with Node.js and Express, enabling seamless communication between frontend and MongoDB database.
- Built a responsive frontend using HTML, CSS, and JavaScript, incorporating Material-UI for consistent styling and enhanced user experience.
- Optimized database queries and indexing in MongoDB, reducing data retrieval time by 30% for high-traffic operations.
- Integrated role-based authentication to secure user access and protect sensitive procurement data.
- Conducted agile sprints with a small team, using Trello for task management and GitHub for version control, ensuring timely delivery.
- Performed extensive testing with Postman and ThunderClient to validate API endpoints and ensure robust functionality.

Education

Certificate in Software Engineering, Refactory Academy, June 2024 – June 2025

Uganda Certificate of Education, St. Andrew's High School, 2019 – 2022

Soft Skills

- Effective Communication,
- Adaptability
- Attention to Detail

- Time Management
- Critical Thinking
- Problem-Solving
- Emotional Intelligence
- Team Collaboration
- Leadership
- Continuous Learning

Languages

English, Luganda

References

Ms. Laura Kyongo

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Ms. Esther Nansubuga

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