

RANIEL EDMARK SON TASANI

Junior Full Stack JavaScript Developer

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PROFESSIONAL SUMMARY

Results-driven Junior Full Stack JavaScript Developer with 9 months of professional experience at Metrobank, specializing in RESTful API development using LoopBack 4 (Node.js), React frontend development, and defect resolution. Proficient in Git feature-branch workflows, Keycloak-based authentication (RBAC), and multi-phase testing environments (SIT/UAT). Passionate about backend architecture, code quality, and building AI-powered web applications.

TECHNICAL SKILLS

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| <ul style="list-style-type: none">• JavaScript• React.js• Node.js• LoopBack 4• Next.js• TypeScript• RESTful API Development | <ul style="list-style-type: none">• SQL• MongoDB• Git / GitHub• Jest / Unit Testing• HTML & CSS• Keycloak / RBAC |
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PROFESSIONAL EXPERIENCE

Junior JavaScript Developer | **Metropolitan Bank and Trust Company** — Taguig, Metro Manila *Sep 2025 – Mar 2026*

- Designed and integrated RESTful APIs using LoopBack 4 (Node.js) with a React frontend, improving application performance and responsiveness.
- Built an 'Announcement Maker' feature in React that dynamically displays announcements on the login page, boosting user engagement.
- Authored comprehensive Jest unit tests for the announcement feature controller, achieving high code coverage and improving maintainability.
- Guided QA teams on preparing effective test data for SIT and UAT, enabling thorough validation and smoother deployments.
- Developed reusable React components following atomic design principles, accelerating development speed and ensuring UI consistency.

JavaScript Developer Intern | **Metropolitan Bank and Trust Company** — Taguig, Metro Manila *Feb 2025 – Apr 2025*

- Built a fully functional mock environment for testing using MongoDB, simulating backend behavior despite limited production codebase access.
- Authored unit tests for six existing controllers, achieving approximately 80–100% code coverage and strengthening system reliability.
- Diagnosed and resolved a critical defect affecting the rendering of image and PDF files, restoring proper file display functionality.

NOTABLE PROJECTS

AI Document Q&A · Full Stack Developer [↗ ai-document-qa.ranieltasani.me](#)

- Built an AI-powered web app that allows users to upload documents and ask contextual questions, with persistent AI context across sessions.
- Developed using Next.js and Supabase with integrated AI capabilities for document parsing and intelligent Q&A.

AI Memory Agent · Full Stack Developer [↗ ai-memory-agent.ranieltasani.me](#)

- Developed a persistent memory chat agent with full context awareness maintained across multiple sessions.
- Built with Next.js and Supabase, leveraging AI to retain and recall user-specific conversation history intelligently.

AI Research Agent · Full Stack Developer [↗ research-agent.ranieltasani.me](#)

- Developed an AI agent that executes multi-step research workflows, including data collection, processing, and structured output generation.
- Built with Next.js and Supabase, integrating external APIs and web scraping to gather data, with logging, retry handling, and transparent step-by-step execution.

Smart Ticketing Web Application · Thesis Project — Full Stack Developer & Lead Developer [↗ smart-ticketing-system.ranieltasani.me](#)

- Designed and developed a full-stack smart ticketing system to reduce parking lot congestion and eliminate lost tickets.
- Built RESTful APIs with Node.js and Express for ticket generation, tracking, and OTP-based mobile validation with QR code support.
- Deployed on Firebase for cloud hosting and real-time database management as the sole developer.

Employee Management System · Mini Thesis Project — Desktop Application Developer

- Developed a Windows desktop application using C# and .NET WinForms to manage employee records for an automotive shop.
- Implemented modules for employee information management, attendance tracking, payroll processing, and reporting.

EDUCATION

Bachelor of Science in Computer Science

July 2025

STI Sta. Mesa — Santa Mesa, Metro Manila

- Graduated Cum Laude with a GWA of 1.45
- STRONG Program Scholar, 2023 — Metropolitan Bank and Trust Company