

STRANGER MUSHWANA

<https://github.com/strangermushwana>, <https://strangermushwana.github.io>,
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Professional Summary

Senior Full-Stack Software Developer with 5+ years of experience designing, building, and maintaining scalable web applications and backend systems. I enjoy working on complex domains that require thoughtful system design, clean abstractions, and long-term maintainability.

I am regularly involved in architectural discussions, guiding implementation decisions on existing systems, reviewing changes before release, and supporting teams in delivering work safely into production. I value pragmatic engineering, clear communication, and writing code that other developers can easily understand, extend, and trust.

Technical Skills

Languages & Frameworks: *Node.js, Angular, TypeScript, Next.js, Nest.js, GraphQL, TypeORM*

Databases: *PostgreSQL, MongoDB, Firebase, Supabase*

DevOps & Cloud: *AWS (EC2, Lambda, S3), Azure DevOps, Docker*

Other: *System Design, API Design (REST & GraphQL), Performance Optimization, Mentorship*

Work Experience

OBJACK

Senior Full-Stack Software Developer (May 2021 - Present)

Key Responsibilities

- Collaborate closely with product managers, designers, and business stakeholders to translate product requirements into technical solutions.
- Design, build, and maintain scalable front-end and back-end systems, with a primary focus on backend services and APIs.
- Take ownership of critical services, including API design, data modeling, validation, error handling, and performance optimization.
- Lead and participate in code reviews, providing practical, context-aware feedback focused on maintainability, and long-term code health.

- Support production releases by reviewing changes, identifying risk areas, and helping ensure safe deployments.
- Mentor junior developers by breaking down complex tasks, reviewing implementations, and sharing best practices.

Key Projects & Contributions

- **Secure Document Signing Workflow:** Designed and implemented a secure document-signing flow using third-party APIs, including browser-based iframe handling, permission controls, and validation to ensure a seamless and compliant user experience.
- **Credit Check & Verification Pipeline:** Integrated Experian's credit check API with robust validation pipelines, comprehensive error handling, and intelligent fallback mechanisms to ensure reliable identity and credit verification at scale.
- **Versioned Document Management System:** Built a versioned document storage and retrieval system with audit trails and historical snapshots, enabling compliance requirements, traceability, and effortless document recovery.
- **Multi-Step Job Creation Experience:** Replaced a large, complex form with a guided multi-step stepper, improving completion speed, data quality, and recruiter clarity across job details, requirements, and assessments.
- **Candidate Matching & Filtering Algorithm:** Developed a filtering and scoring algorithm correlating job requirements with applicant profiles, experience, assessment results, and skills. Implemented experience-to-requirement mapping to surface candidates with transferable skills rather than only exact keyword matches.

ORACLE

Software Developer (March 2020 - March 2021)

Key Responsibilities

- Collaborated with senior developers to implement and enhance application modules.
- Followed established enterprise coding standards and development workflows.
- Wrote and maintained technical documentation to support ongoing development and onboarding.

Key Projects & Contributions

- Assisted in building and maintaining application components used by large-scale enterprise clients.
- Produced clear, developer-focused documentation for features and systems.

Education

BSc. Mathematical Sciences (Computer Sciences and Statistics)

University of Limpopo (Feb 2015 - November 2018)