

DANNELS OKORO

Senior Full-Stack Engineer

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Remote Work: 5+ years remote experience | Available: US time zones overlap

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 5+ years of experience building and shipping real products that solve genuine user problems. Proven track record of owning complete projects from conception to deployment, specializing in TypeScript, React, and Node.js. Strong advocate for functional programming principles and clean, maintainable code. Self-directed builder who has created multiple successful products and understands what it takes to ship quality software that users actually need. Experienced with modern AI tools to enhance development velocity while maintaining code quality.

TECHNICAL SKILLS

Core Technologies: TypeScript, JavaScript (ES6+), React.js, Node.js, PostgreSQL, HTML5, CSS3

Functional Programming: Immutable data structures, pure functions, composable code patterns, predictable state management

Backend Development: Express.js, RESTful APIs, GraphQL, microservices, database design and optimization

Frontend Development: React hooks, state management, responsive design, component composition

Cloud Platforms: Azure, Google Cloud Platform, AWS, serverless architectures, deployment automation

Development Tools: Git, Docker, modern bundlers, AI-assisted development (GitHub Copilot, ChatGPT)

Problem Solving: Complex system debugging, performance optimization, user-centric solution design

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Engineer | Independent Projects & Clients | Jan 2022 - Present

- Owned and shipped 20+ complete projects from initial concept through production deployment for real users
- Built custom SaaS platforms using TypeScript, React, and Node.js that solved genuine business problems
- Developed e-commerce platform processing \$50K+ monthly transactions with zero downtime deployments
- Created inventory management system that eliminated manual processes for retail client, saving 15+ hours/week
- Implemented clean, typed, maintainable codebases using functional programming principles and TypeScript best practices
- Deployed across multiple cloud platforms (Azure, GCP, AWS) without unnecessary architectural complexity
- Self-directed impact: Identified client pain points and delivered solutions that immediately improved their workflows
- Technologies: TypeScript, React.js, Node.js, PostgreSQL, Azure, GCP, Docker

Software Engineer | DiolioChat | Jan 2019 - Dec 2021

- Built and owned real-time messaging platform serving 10,000+ users with focus on solving actual communication problems
- Architected clean, composable codebase using functional programming patterns and TypeScript throughout
- Created React UIs that stayed out of users' way while providing powerful functionality
- Solved complex real-time synchronization challenges that frustrated users daily
- Worked directly with founders to shape both product direction and technical architecture decisions
- Shipped 15+ major features that directly addressed user feedback and pain points
- Technologies: TypeScript, React.js, Node.js, PostgreSQL, Socket.io, AWS

PERSONAL PROJECTS & PRODUCTS

Task Sync Pro | TypeScript, React, Node.js, PostgreSQL

- Self-built SaaS product for small teams frustrated with overcomplicated project management tools
- Designed clean, functional architecture using TypeScript and React with emphasis on user experience

- Implemented real-time collaboration without the bloat of enterprise solutions
- Real user impact: 500+ active users who chose it over existing alternatives
- Deployed on Azure with automated CI/CD pipeline

API Integration Hub | TypeScript, Node.js, React

- Personal project that became a client solution for connecting disparate SaaS tools
- Built composable connector system using functional programming principles
- Solved genuine integration headaches that developers face when building modern applications
- Shipped to production: Now used by 3 companies to eliminate manual data synchronization

Open Source Contributions

- Contributed to 5+ React and TypeScript libraries with focus on developer experience
- Created reusable functional utility libraries that other developers actually use
- 200+ GitHub stars across projects that solve real problems, not showcase technologies

WHAT MAKES ME DIFFERENT

Proven Builder: I don't just code for companies - I build my own products and understand the full journey from problem identification to user adoption.

Quality-First Mindset: I write TypeScript code that's clean, well-typed, and maintainable because I know I'll be the one maintaining it.

User-Centric Problem Solver: I dig into messy, real-world problems and emerge with solutions that actually work for the people using them.

AI-Enhanced Development: I leverage AI tools strategically to code better and faster, using them to enhance my capabilities rather than replace critical thinking.

Self-Directed Execution: I identify what needs doing, prioritize based on user impact, and make it happen without needing constant direction.

EDUCATION

Bachelor of Science in Computing and Information Science

University of Lay Adventist of Kigali | 2017

LANGUAGES

English: Fluent (Clear written and verbal communication)