

# DANNELS OKORO

Full-Stack Developer | Ruby on Rails + React Specialist

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## PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with 5+ years of experience building scalable web applications using Ruby on Rails and React. Proven expertise in e-commerce platforms, API integrations, and managing complex projects from conception to deployment. Strong background in working with distributed teams, handling production issues under pressure, and delivering high-quality solutions for global brands. Experienced in supporting 10,000+ active users with a focus on operational excellence and customer satisfaction.

## TECHNICAL SKILLS

Core Technologies (Freshly Commerce Stack):

- Ruby on Rails: 3+ years building scalable web applications, API development, background processing
- React.js: Advanced proficiency with hooks, context APIs, component architecture, state management
- PostgreSQL: Database design, query optimization, performance tuning
- Redis: Caching strategies, session management, background job queues
- Background Processing: Sidekiq, job queues, async task management
- Deployment: Heroku experience, production monitoring, performance optimization

E-commerce & Integrations:

- API Development: RESTful APIs, GraphQL, third-party integrations
- E-commerce Platforms: Payment gateways (Stripe), inventory management, order fulfillment
- Real-time Applications: WebSocket implementations, live updates, notification systems

Development Practices:

- Testing: Automated testing suites, 90%+ code coverage, TDD/BDD practices
- Version Control: Git, GitHub PRs, code reviews, collaborative development
- Project Management: Agile methodologies, task breakdown, sprint planning
- Monitoring: Application performance monitoring, error tracking, production support

## PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer | Multiple Clients | Jan 2022 - Present

*Ruby on Rails + React Specialist*

E-commerce & SaaS Development:

- Built and deployed 20+ custom web applications with focus on e-commerce and operational tools
- Developed inventory management system using Ruby on Rails backend with React frontend for retail client processing \$50K+ monthly transactions
- Implemented complex order fulfillment workflows and real-time inventory tracking similar to Freshly Commerce's operational focus
- Created automated testing suites achieving 90%+ code coverage, ensuring production stability
- Managed complete project lifecycle from initial requirements to production deployment and monitoring

Technical Leadership & Problem Solving:

- Independently managed projects from rough concepts to final implementation, including task breakdown and deployment strategies
- Implemented CI/CD pipelines using GitHub Actions and Docker for seamless production deployments

- Handled production incidents and performance issues, maintaining 99.5% uptime across client applications
- Provided technical consultation and code reviews for startups, demonstrating strong communication skills

Technologies: Ruby on Rails, React.js (hooks, context API), PostgreSQL, Redis, Sidekiq, Heroku, Docker, GitHub Actions

## Software Engineer | DiolioChat | Jan 2019 - Dec 2021

### *Full-Stack Developer - High-Scale Application*

#### Production Application Management:

- Developed and maintained real-time application serving 10,000+ active users using React.js and Node.js
- Built RESTful APIs and microservices architecture resulting in 40% improved system performance
- Optimized database queries reducing response time by 35% and improved overall application scalability
- Collaborated with product team to deliver 15+ feature releases using Agile methodology

#### Operations & Support:

- Handled production support including debugging, performance monitoring, and incident response
- Integrated third-party APIs including payment gateways and authentication services
- Worked closely with support teams to prioritize bug fixes and feature development
- Managed background processing using Redis and job queues for high-volume operations

Technologies: React.js, Node.js, Express.js, MongoDB, Redis, AWS, Docker

## KEY PROJECTS RELEVANT TO FRESHLY COMMERCE

### E-Commerce Operational Platform | Ruby on Rails + React

#### *Full-stack e-commerce solution with advanced operational features*

- Built inventory management system with real-time tracking and automated reordering
- Implemented order fulfillment workflow with multi-warehouse support and shipping integrations
- Created admin dashboard for operational oversight and reporting using React with Rails API
- Deployed on Heroku with auto-scaling capabilities handling 1000+ concurrent users
- Managed complete project lifecycle including staging deployments, production monitoring, and performance optimization

### API Integration Platform | Ruby on Rails + React

#### *Microservices architecture for complex business operations*

- Developed centralized API gateway managing multiple third-party integrations
- Implemented background job processing using Sidekiq for high-volume data synchronization
- Built React frontend for real-time monitoring and configuration management
- Reduced API response time by 50% through efficient caching strategies using Redis
- Handled production support including error monitoring and performance tuning

## CORE VALUES ALIGNMENT

🔧 **Resourcefulness:** Consistently find creative solutions to complex technical challenges, from optimizing database performance to integrating challenging third-party APIs. Always research thoroughly and consult appropriate resources when facing new problems.

🎯 **Ownership:** Take complete responsibility for project success from initial planning to post-deployment monitoring. Deeply understand user problems and business impact of every feature developed.

💬 **Communication:** Excel at written communication through detailed GitHub PR descriptions, project documentation, and regular progress updates. Experience working with distributed teams using Slack and collaborative tools.

## EDUCATION & CERTIFICATIONS

Bachelor of Science in Computing and Information Science

University of Lay Adventist of Kigali | 2017

Professional Certifications:

- AWS Certified Developer Associate
- MongoDB Certified Developer

Achievements:

- Completed 20+ successful freelance projects with 4.9/5 average rating
- Contributed to 3 open-source projects with 100+ GitHub stars combined
- Speaker at Kigali Tech Meetup on "Modern JavaScript Frameworks"

## LANGUAGES

English: Fluent

*Available for full-time remote work across all timezones. Ready to contribute to Freshly Commerce's mission of simplifying operational complexities for global brands.*