

DUC THIEN DOAN

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OBJECTIVE

Seeking a Full Stack Developer position where I can apply hands-on skills in React, Next.js, Node.js, REST API development, and database design to build responsive, scalable, and user-focused web applications.

RELEVANT PROJECT EXPERIENCE

Bookera — Full Stack Book Discovery and Marketplace Platform

- Led a four-person team in building a two-part platform with a Next.js frontend and an Express/Sequelize/MySQL backend, integrating Open Library data with authentication, marketplace listings, saved items, notifications, and AI-assisted interactions.
- Implemented key full stack features including HttpOnly cookie plus JWT session handling, Google OAuth, Stripe checkout and webhook flows, real-time chat and notifications with Socket.IO, and protected routes using Next.js App Router.

Quiz Duel — Real-Time Multiplayer Quiz Application

- Built a real-time multiplayer quiz platform using Next.js, Express, MongoDB, Redis Stack, Socket.IO, and OpenAI, supporting matchmaking, room-based gameplay, real-time question delivery, and session-based user flows.
- Integrated REST endpoints with socket events for game coordination, used middleware to manage session and match state, and structured the codebase into maintainable service and route layers for scalability.

HIGHLIGHTS OF QUALIFICATIONS

- Built end-to-end full stack web applications using JavaScript and TypeScript, including responsive user interfaces, RESTful APIs, authentication, payments, real-time messaging, and database-backed features.
- Strong proficiency in React and Next.js, including App Router, route protection, server/client components, React Query, and performance-focused UI implementation.
- Developed backend services with Node.js and Express, working with MySQL, MongoDB, Redis, Sequelize, session handling, and API design for scalable application features.
- Effective team collaborator with leadership experience coordinating a four-person development team on Bookera using GitHub-based workflows, code integration, and feature planning.
- Comfortable using Git, GitHub, Postman, Docker, and AI coding tools to support development, testing, troubleshooting, and continuous learning.
- Strong problem-solving skills, attention to detail, and clear communication developed through team projects, debugging, testing, and presenting technical work.

TECHNICAL SKILL

Frontend: React, React Native, Next.js, Tailwind CSS, Sass/SCSS, Responsive Design, Accessibility, React Query, Redux

Backend: Node.js, Express.js, RESTful APIs, JWT, OAuth, Socket.IO

Databases: MySQL, PostgreSQL, MongoDB, Redis, Sequelize

Tools: Git, GitHub, Docker, Figma

Testing: React Testing Library, Vitest, Postman

Cloud/DevOps: AWS (learning), CI/CD concepts, GitHub Actions (learning), System Design, System Architecture

EDUCATION

George Brown College — T186 Computer Programming | Toronto, ON

2024 – 2026 (Expected Graduation: May 2026) | GPA: 3.8/4.0

- Dean's List in all semesters; relevant coursework includes software development, databases, web development, and object-oriented programming.

AWARDS & ADDITIONAL INFORMATION

- IELTS General: 6.5
- Interested in software development, full stack engineering, cloud/devops, SEO, testing, debugging, and code quality.
- Available for full-time software developer or full stack developer opportunities.