

# KENAN ODONGO

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## EXPERIENCE

### George Brown College

Computer Lab Technician

Toronto, Ontario

September 2024 – Present

- Deliver technical support and troubleshooting for 500+ students and faculty across multiple computer labs, resolving hardware, software, and network connectivity issues to maintain 95% uptime
- Configure and maintain lab infrastructure including Windows/Linux systems, development environments (VS Code, IntelliJ IDEA), and network printers to support academic programming courses
- Install and update software development tools including Git, Docker, Node.js, Python, and Java environments for computer science students

### Radiotherapy Complications Center

Full-Stack Software Developer

Toronto, Ontario

October 2025 – Present

- Architect and develop responsive full-stack web applications using React.js, Node.js and PostgreSQL, serving 500+ monthly active users across healthcare platforms
- Deploy and maintain scalable cloud infrastructure on AWS (EC2, S3, RDS) and Vercel, implementing automated CI/CD pipelines using GitHub Actions to reduce deployment time by 40%
- Integrate third-party APIs, RESTful services, and headless CMS (Strapi) to enhance application functionality and improve user experience metrics by 25%
- Optimize application performance through code refactoring, database query optimization, and implementing caching strategies with Redis, reducing page load times by 35%

## PROJECTS – MORE INFORMATION AVAILABLE ON MY WEBSITE

### Radiotherapy Care Resource Centre | React, Node.js, Express, PostgreSQL, AWS EC2, Strapi CMS

2025

- Built full-stack PERN application connecting radiotherapy patients with cancer care resources across Ontario
- Designed and implemented RESTful API architecture with Express.js backend, featuring input validation, and error handling middleware for secure data transactions
- Developed responsive frontend with React.js and modern JavaScript (ES6+), implementing component-based architecture and state management for improved code maintainability
- Integrated Strapi headless CMS enabling non-technical staff to manage content independently, reducing content update time by 60%

### Weather Dashboard Application | React, Axios, OpenWeatherMap API, REST API, JavaScript

2025

- Developed responsive single-page application (SPA) using React and modern JavaScript, integrating OpenWeatherMap REST API to deliver real-time weather data for 200+ global cities
- Implemented asynchronous API calls using Axios and async/await patterns, featuring error handling, loading states, and data caching to optimize API rate limits
- Created comprehensive technical documentation including setup instructions, API integration guides, and Git workflow for future contributors and collaborative development

## EDUCATION

### George Brown College

Advanced Diploma in Computer Programming and Analysis

Toronto, Ontario

Expected: April 2026

- **Relevant Coursework:** Advanced Web Application Development (COMP 3095) - Microservices Architecture, Spring Boot, Docker Containerization, Redis Caching, Apache Kafka, OAuth2 Authentication, CI/CD Pipelines; Data Science (COMP 3122) - Machine Learning Algorithms, Decision Trees, Python Data Analysis; Object-Oriented Programming, Data Structures & Algorithms, Database Design, Agile Software Development

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, Python, Java, PHP, SQL, HTML5, CSS3, Bash/Shell Scripting

**Frameworks & Libraries:** React.js, Node.js, Express.js, Next.js, Laravel, Spring Boot, TensorFlow, NumPy, Pandas, Tailwind CSS, Bootstrap

**Databases:** PostgreSQL, MySQL, MongoDB, Redis, Database Design, SQL Queries, NoSQL

**Development Tools & Technologies:** Git/GitHub, Docker, Linux/Unix, AWS (EC2, S3, RDS), Vercel, Cloudflare, CI/CD, Agile/Scrum, RESTful APIs, Microservices, Postman, Strapi CMS, Jira, VS Code, IntelliJ IDEA