Ezra Minty

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EDUCATION

Tertiary - The University of Guyana | Field: *Computer Science* | Expected Graduation Year: *2027*

- **Current GPA**: 3.8 / 4.0
- **Relevant Coursework**: Data Systems Design & Information Management Systems, Computer Networks and Data Communications, Computer and Information Security Fundamentals.

Certificate - Toronto Metropolitan University | Field: Full Stack Development

- **Relevant Coursework:** User Experience Design (A+), Full Stack Development (A+), Python Programming (A+), Design for Mobile Devices (A)

SKILLS

LANGUAGES | Python, C, Java, C++, C#, SQL, Kotlin, JavaScript, PHP

WEB DEVELOPMENT | Next,js, React.js, Node.js, Express.js, Tailwind CSS, Bootstrap

DATABASE | MySQL, MongoDB, MongoDB Atlas, SQLite

TOOLS AND PLATFORMS | Git, GitHub, Docker, Linux, Virtual Machines

MISCELLANEOUS | Networking, Arduino, Raspberry Pi, CAD

RELEVANT PROJECTS

- Designed and implemented a comprehensive Health Center Database Management System integrating React.js, Express.js, Node.js, MySQL, and Docker. Developed features for user authentication with JWTs, role-based access control, and CRUD operations across multiple entities, including appointments, staff, and patients. Ensured data consistency with validation, duplicate entry prevention, and optimized query structures.

- Developed a full-stack legal database application using the MERN stack, enabling subscription-based access to a comprehensive collection of legal case files. Integrated Stripe for secure payment processing, JWT-based authentication with role-based authorization, and powerful search/filter capabilities across complex MongoDB case metadata (e.g. parties, judges, legal issues, jurisdiction).

- Designed and implemented a MongoDB-based data collection and analysis system for National Grade Six Assessment (NGSA) past papers, focusing on Paper 1 Math and English. Built backend structures for storing and organizing test and question datasets, enabling efficient retrieval and structured querying. Integrated the system into an interactive practice exam platform built with Next.js, Tailwind CSS, Node.js, and MongoDB, designed for scalability to support additional subjects and exam levels.