Ramiyan Gangatharan

Toronto, ON | (416) 457 7411 | ramiyan.gangatharan@dcmail.ca | rami-zeta.vercel.app | LinkedIn | GitHub

Technical Skills

Programming Languages: Python, JS, HTML, CSS, EJS, PHP, C#, Java, SQL, COBOL, JCL, Dart, JSON
Cloud & DevOps: Amazon Web Services (S3, Lambda, EC2, API Gateway, ECR etc.), Docker, CI/CD pipelines
Frameworks & Libraries: Unity Engine, Node.js, React, Next.js, Express.js, .NET, 11ty, Bootstrap, AJAX
Operating Systems: Linux (Ubuntu, Arch, CentOS, WSL, Mint), Windows (XP, 7, 8, 10, 11)
Databases: Microsoft SQL Server, PostgreSQL, SQLite, DynamoDB, MongoDB
System Architecture & Design: RESTful APIs, MVC, Middleware Systems
Version Control: Git (GitHub, Git Bash)

Education

Durham College – Oshawa, ON   *Advanced Diploma, Computer Programming & Analysis*
September 2022 – April 2025 | GPA: 3.79/5.0
   -   Honour Roll recipient (*Winter 2022 – Winter 2025*).
   -   Certifications: AODA, WHIMIS, Workers Health & Safety (OHSA), and Workers Violence Prevention.

Work Experience

Tim Hortons – Bowmanville, ON   *Shift Supervisor* (November 2021 – July 2024)
   -   Managed a team of twelve, overseeing daily operations to ensure efficiency, safety, and productivity
   -   Streamlined production cycles to reduce waste and improve overall profitability
   -   Operated and maintained a POS system, ensuring accurate transactions and smooth system functionality

Projects

Korean Learning App – Durham College [GitHub]   *Backend Developer*
   -   Technologies: Dart, Flutter, JSON, Android Studio, Figma, GitHub
   -   Implemented the backend and learning assessment systems for a Korean language learning app primarily using flashcards and quizzes, enabling app functionality in a team of five. The key skills I improved upon from this project were leadership, practicing data structures & algorithms, and UI/UX design on Figma.

Harmony Hub Website – Durham College [GitHub]   *Full-stack Developer*
   -   Technologies: HTML (EJS), CSS (Bootstrap), JavaScript (Express, Node, Passport, Mongoose, jQuery, & Popper)
   -   Collaborated in a small team to create a dynamic website for a fictional community, enhancing my skills in MVC architecture and the MERN stack. I developed timers and popups, engaged in API development with Node and Express, and handled API requests. Additionally, I integrated MongoDB, and implemented secure login/signup functionality with AuthGuard, using regular expressions for input validation and SQL injection prevention.

Hospital Database System – Durham College [GitHub]   *Team Member & Designer*
   -   Technologies: Microsoft SQL Server, Visio, Excel
   -   Developed a 3NF database system for a fictional hospital to optimize data integrity in a group of three. In this project, I learned how to design a database, use project management skills, and create comprehensive and detailed documentation like a data dictionary, entity relationship diagrams, UML class diagrams, use case diagrams, and system requirements papers from scratch at a large scale with a team and simulated shareholders involved.

Classic Pong Remake – Personal [GitHub]   *Independent Project*
   -   Technologies: Unity Engine, C#, Visual Studio 2022, GitHub
   -   Recreated the classic Pong game with solo and split-screen multiplayer modes. I implemented Unity physics for realistic movement, and designed a minimalistic, user-friendly interface.