

KARAN RANDHAWA

Waterloo, ON

[Phone](#) | [Email](#) | [GitHub](#) | [LinkedIn](#)

karan-randhawa.com

Software Developer with **7+ years of experience** designing, building, and optimizing scalable applications. Adept at full-stack development, cloud infrastructures, and DevOps automation.

TECHNICAL SKILLS

Backend: .NET Framework and Core in C#, C++, Node.js. **Frontend:** Angular, TypeScript, JavaScript

Cloud / DevOps / Other: Azure, AWS, Docker, Elasticsearch, CI/CD, Git, OpenCV, RabbitMQ, IdentityServer4, Agile, TDD

EXPERIENCE

SENIOR SOFTWARE DEVELOPER, FULL STACK

J-SAS Inc. | Greater Toronto Area | FEBRUARY 2022 – FEBRUARY 2025

- Led the agile development of a **B2B multitenant Subscriber Lifecycle Management portal** serving **100,000+ users across 40,000+ companies**.
 - Designed and implemented an **Identity & Access Management (IAM)** system with **IdentityServer4** and **OpenID Connect**, enabling secure SSO across multiple business applications.
 - Spearheaded the DevOps on a **Compliance-as-a-Service** product reducing **deployment time and expense by 80%** and ensuring **99.99% uptime**.
 - Accelerated subscriber onboarding by 6 weeks** by adopting a microservices architecture using **ASP.NET Core** and **Docker**, significantly improving delivery and scalability of the product.
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SOFTWARE DEVELOPER, BACKEND

J-SAS Inc. | Greater Toronto Area

JANUARY 2018 – FEBRUARY 2022

Designed and developed a suite of secure, high-performance **RESTful Web APIs** for partner applications and payment subsystems.

SOFTWARE DEVELOPER, RESEARCH

CDOT, Applied Research, Seneca College | Toronto, ON

MAY 2017 – DECEMBER 2017

Developed a **Cyber Intelligence Agent** using **RabbitMQ & AMQP** for real-time detection, improving response times by 30%.

EDUCATION

HONOURS, BACHELOR OF TECHNOLOGY – SOFTWARE DEVELOPMENT

Seneca College | Toronto, ON | OCTOBER 2018 | GPA: 3.8 / 4.0

Projects: [FaceBot](#), [CustomEncryptor](#) | **Coursework:** Data Structures & Algorithms, Data Communications Network

INVOLVEMENT & LEADERSHIP

STUDENT MENTOR IN LIFE AND EDUCATION (SMILE) | SENECA COLLEGE

Guided new students in academics and career planning, fostering a collaborative learning environment.
