

RAKESH SYAL

Full-Stack Developer | Web Development & Internet Applications Student

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SUMMARY

Full-stack developer and Web Development & Internet Applications student at Algonquin College. Experienced across the stack with React, .NET, Laravel, and PHP, with hands-on freelance and capstone project work spanning business websites, payroll systems, and student management platforms. Comfortable working independently and in Agile teams, from UI design in Figma through backend, database, and basic network configuration.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, Python, C#, PHP, SQL, XML/JSON

Frameworks & Libraries: React, .NET, .NET Razor, ASP.NET Core MVC, Laravel, Bootstrap

Databases: MySQL, SQLite, SQL Server, Database Design & Administration

APIs & Web: REST APIs, Content Management Systems (CMS), Web Security

Tools & Version Control: Git, GitHub, Visual Studio Code, Docker, Debugging Tools

Systems & Networking: Raspberry Pi, Network Operating Systems, Networking Concepts

Design Tools: Figma, Adobe Photoshop, Adobe Illustrator

PROJECTS & EXPERIENCE

Payroll Management Platform

Personal Project · Live

payroll-manager-lake.vercel.app

- Built a full-stack payroll and workforce management web app, including a live dashboard, timesheets, payslip generation, and compliance tracking UI
- Implemented role-based access control concepts and a sign-in flow
- Designed a modern landing page showcasing product features and onboarding steps

Freelance Web Developer — Iron Watch Security Inc.

Freelance Project · Live

ironwatchsecurity.ca

- Designed and developed a full business website for a security services company, including service pages, a quote-request flow, and a contact system
- Built a responsive, multi-page site covering services (mobile patrol, CCTV, event security), FAQs, and client testimonials

Website Builder — SCL Inc.

Personal Project (built for a friend) · Live

teamscl.ca

- Set up and customized a business website using GoDaddy's drag-and-drop Website Builder
- Configured branding, service pages, contact/quote forms, and business information for a construction and landscaping business

thlin.ca Website Redesign

College Capstone Team Project · In Progress

thlin-ca.vercel.app

- Collaborating in a team to redesign the website for thehealthline.ca Information Network, an Ontario health and community services non-profit
- Contributing to front-end structure and page design as part of a final-year capstone project

Student Registration Portal (CourseLedger)

Personal Project · Live

student-registration-portal-plq6.onrender.com

- Built a full-stack student registration portal using ASP.NET Core MVC and Entity Framework Core
- Implemented course, student, academic record, and role management with SQL Server

Taskify

Personal Project · In Progress

- Developing a task management web app using Laravel and PHP

EDUCATION

Diploma in Web Development and Internet Applications

Jan 2025 – Present

Algonquin College, Ottawa, ON

- GPA: 3.4 / 4.0 (85%)
- Coursework: Web Programming (JavaScript, PHP, .NET/C#), Database Design & Administration, Web Security, Network Operating Systems, Front-End Design, Server-Side Programming, Full-Stack Development

LANGUAGES

English (Fluent) · Punjabi (Native) · Hindi (Fluent)