

SAHIL PATEL

CONTROL SYSTEM DESIGNER | PROJECT MANAGER

CONTACT

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[Portfolio](#)

[LinkedIn](#)

Toronto, Ontario, Canada

EDUCATION & CERTIFICATIONS

Building Systems Engineering Technologist

Seneca College

Toronto, Ontario

2015-2017

University of Alberta

Software Product Management Certificate

SkyFoundry

Skyspark Integrator Certification

J2 Innovation by Siemens

FINstack Technical Certification

Niagara JACE

Tridium Niagara Certification

Microsoft Azure

Azure AZ-900 & Cloud Security

TOOLS

BMS Platforms: Skyspark, Niagara JACE, ComfortPoint Open, FINstack

Programming: Wire-sheet & Script programming for Control Systems

Design: AutoCAD, Microsoft Visio

Data Visualization: Power BI, JavaScript

Cloud Computing: Microsoft Azure

Project Management: Microsoft Project, Zoho Project

PROFILE

Innovative Building Automation Specialist with **9+** years of experience in designing and implementing cutting-edge BAS and IoT solutions. Delivered measurable results, such as a 20% reduction in energy consumption for high-profile clients, including City of Toronto and St. Joseph's Health Center. Adept at integrating advanced analytics, and cloud-based systems to drive sustainability, optimize operations, and enhance client satisfaction. Experienced leader with a proven track record in managing multidisciplinary teams and executing large-scale projects seamlessly.

PROFESSIONAL EXPERIENCE

Founder & General Manager

Intellisys, Toronto ON

2020-2025

- Co-founded and led a systems integration and analytics services company specializing in building automation and data platforms.
- Delivered high-profile projects for municipal, education, and retail clients, achieving measurable outcomes including ~20% energy reduction.
- Designed and implemented BMS integrations and analytics solutions from system architecture through commissioning and support.
- Integrated advanced data analytics with building management systems to improve energy efficiency and operational performance.
- Led client engagement and training to drive adoption of analytics platforms and maximize system usability.

Building Automation Consultant

Voyager Buildings, Toronto ON

2024-2025

- Led the design, implementation, and commissioning of advanced Building Automation Systems (BAS).
- Delivered integrated BMS solutions using supervisory devices and field controllers to optimize building operations.
- Developed BMS strategies focused on energy efficiency, sustainability, and site-specific requirements.
- Managed and executed high-profile controls projects, including 33 Yorkville and 149 E Liberty St

Control System Application Engineer

Honeywell International, Toronto ON

2017-2020

- Deployed Honeywell Forge, an IoT-enabled enterprise analytics solution, delivering tailored dashboards for energy optimization, fault detection, and predictive maintenance across commercial and institutional sites.

CORE COMPETENCIES

Technical Expertise

- Advanced BAS Design, Implementation, and Commissioning
- Wide range of System Integration & Supervisory Device Configuration
- IoT Integration, Data Analytics & Predictive Maintenance
- Azure Cloud Platforms

Project Management

- Strategic Planning & Stakeholder Engagement
- Budgeting & Proposal Development
- Field Team Leadership & Operational Excellence

LANGUAGES

English Fluent

Hindi Native

REFERENCES

Available upon request

PROFESSIONAL EXPERIENCE CONT.

- Led integration of Building Management Systems (BMS) with enterprise analytics platforms, including supervisory controllers, field devices, and third-party systems.
- Supported large-scale, multi-site deployments, managing environments with high point counts and complex operational requirements.
- Worked closely with facilities teams and stakeholders to understand site-specific needs, comfort requirements, and compliance constraints.
- Collaborated with internal engineering, product, and deployment teams to configure analytics workflows and resolve deployment challenges.
- Contributed to standardization of deployment processes and documentation to improve consistency and delivery efficiency across projects.

Building Automation Technologist

Reliable Controls, Toronto ON

2016-2017

- Delivered customized Building Management System (BMS) solutions, standardizing control logic to improve system performance and operational reliability.
- Designed control systems by interpreting mechanical, electrical, architectural, and engineering drawings.
- Developed control software, hardware layouts, and graphics for Reliable Controls' automation platforms.
- Integrated third-party systems such as energy meters, lighting, and access control into unified building automation environments.
- Worked closely with clients and field teams to deliver tailored solutions and ensure high customer satisfaction.

KEY PROJECTS

City of Toronto Commercial Properties

Delivered a comprehensive data analytics suite, achieving a 20% reduction in energy consumption through predictive maintenance and Data-driven real-time insights

St. Joseph's Health System

Led IoT-driven automation initiatives, deploying advanced data analytics dashboards to enhance operational efficiency and ensure uninterrupted facility management across multiple healthcare sites

Enhanced building automation, achieving a 15% improvement in uptime and 10% reduction in energy consumption with advanced IoT analytics

33 Yorkville BAS Project

Designed and implemented a robust Building Management System (BMS) with JACE supervisory devices and field controllers, ensuring seamless operation for one of Toronto's premier residential and commercial properties
