

# Nilesh Sanjay Suryawanshi

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**LinkedIn:** <https://www.linkedin.com/in/nilesh-suryawanshi1168>

**GitHub:** <https://github.com/nilesh1168>

## SKILLS

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**Programming Languages:** Python, Java, JavaScript, TypeScript, Bash.

**Databases:** MySQL, Oracle Database, PostgreSQL, MongoDB, NoSQL, SQL.

**Cloud Platforms:** Amazon Web Services (AWS), AWS EC2, AWS RDS, AWS S3, AWS Comprehend, Azure.

**Web Development:** Flask, React.js, Bootstrap, Chart.js, jQuery, Django REST Framework, JSON, YAML, AJAX, JSON Web Token (JWT), GraphQL, Spring MVC, Swagger UI.

**Development Tools:** Visual Studio Code (VSCode), Spring Framework, Spring Boot, Hibernate, Postman, Maven, Eclipse, Linux, Unix, JUnit, Selenium, pytest, SonarQube, Mockito, JIRA, Spring Data JPA, Java Persistence API (JPA), Spring Cloud, IntelliJ IDEA.

**Software Design and Architecture:** REST APIs, Microservices Architecture, Unit Testing, Integration Testing, Test-Driven Development, Object-Oriented Design, Object-Oriented Programming(OOP), Design Patterns, Distributed Systems Design.

**DevOps and Containerization:** GitHub Actions, Docker, Kubernetes, Jenkins, CI/CD.

**Version Control Systems:** Git, GitHub, GitLab.

## EXPERIENCE

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### Persistent Systems

Nov 2020 — Jun 2022

#### *Software Developer*

- Optimized SQL queries: Enhanced REST API performance by eliminating unnecessary joins/columns, and adding indexes, resulting in **71.33%** faster response times.
- Improved deployment time from **3 hours to 1.3 hours** using Jenkins and Maven on Linux environments.
- Designed and implemented **18+** new REST APIs to enable seamless integration between software components.
- Facilitated daily Agile stand-ups, driving cross-functional collaboration and transparent communication with stakeholders and end-users.
- Technologies & Tools: **Java, Maven, Spring, Oracle Database, Eclipse, REST APIs, Swagger UI, Jenkins, JUnit, Mockito, and Postman.**

### Panchaved AyurSoftware

Mar 2019 — Sept 2020

#### *Software Developer*

- Led the digital transformation of an Ayurvedic Panchakarma Clinic from paper-based to a fully digital system, achieving **100%** digital conversion and improving data management efficiency.
- Collaborated closely with the client to collect and document comprehensive operational requirements, ensuring custom application design precisely matched their specific needs and hardware constraints.
- Implemented a locally hosted MVC architecture strategically selected to maximize system performance within the clinic's limited technological infrastructure.
- Designed and developed a user-friendly application using Bootstrap, JavaScript, and the MVC pattern, improving operational efficiency by **20%** and ensuring a responsive and intuitive user interface for non-technical users.
- Achieved a **15% decrease** in post-release bug reports by implementing comprehensive unit testing suites.
- Technologies & Tools: **Java, Maven, Spring MVC, MySQL, JSP, Bootstrap, jQuery, AJAX, Javascript.**

## EDUCATION

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**Master of Applied Computer Science**, Concordia University, Montreal, QC

Jan 2023 — Aug 2024

**Bachelor of Computer Engineering**, Savitribai Phule Pune University, Pune, MH

Jun 2016 — Nov 2020

## PROJECTS

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### Flixed

Jan 2021 — Jun 2022

- A personal full-stack application for tracking personal movie-watching history, featuring interactive data visualizations and an intuitive UI/UX design.
- Technologies & Tools: **Python, Django REST Framework, React.js, Bootstrap, Chart.js, Javascript, HTML, CSS, JWT, Postman.**

### CMS on Cloud

Sept 2019 — May 2020

- A modular and componentized project that summarizes user feedback and automates invitations for interested participants.
- Technologies & Tools: **Python, Flask, Bootstrap, Javascript, HTML, CSS, AWS EC2, AWS RDS, AWS Comprehend.**

## LEADERSHIP EXPERIENCE

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### Graduate Students' Association - Concordia University

Montreal, QC

#### *Director*

Jun 2023 — Jun 2024

- Spearheaded initiatives to improve graduate student well-being at GSA and Concordia, building partnerships.