

Nilesh Sanjay Suryawanshi

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SOFTWARE ENGINEER

Software Engineer with 3 years of experience in building scalable back-end systems and REST APIs. Skilled in SQL optimization, API design, and CI/CD automation. Authorized to work in Canada.

SKILLS

Programming Languages: Typescript, JavaScript, Java, Python.

Databases & Cloud: MySQL, Oracle Database, PostgreSQL, AWS (EC2, RDS, S3, Comprehend).

Frontend: React.js, Next.js, React Native, Express.js, Bootstrap, HTML, CSS, GraphQL.

Development Tools: Node.js Prisma, Sequelize, Jest, Postman, Maven, Linux, Agile/Scrum (JIRA).

Version Control & DevOps: Git, GitHub, Docker, Jenkins, CI/CD.

EDUCATION

Master of Applied Computer Science, Concordia University, Montreal, Canada Jan 2023 – Oct 2024

Bachelor of Computer Engineering, Savitribai Phule Pune University, Pune, India Aug 2016 – Oct 2020

WORK EXPERIENCE

Software Engineer Nov 2020 – Jun 2022
Persistent Systems *India*

- Engineered REST APIs in Java/Spring Boot on top of Oracle IAM, enabling 1,000+ users at major banking institutions to authenticate and manage access at scale.
- Optimized SQL queries, cutting response times by 14% by removing redundant joins and unused data.
- Applied TDD with JUnit and Mockito, writing unit tests that reduced regressions and improved reliability.
- Automated CI/CD pipelines in Jenkins, cutting manual effort and boosting deployment efficiency by 30%.
- Documented APIs with Swagger, simplifying knowledge transfer and onboarding.
- Collaborated with stakeholders to refine technical and functional requirements.

Software Engineer Mar 2019 – Sep 2020
Panchaved AyurSoftware *India*

- Migrated clients from legacy workflows to a web app, enabling fully paperless operations.
- Partnered with stakeholders to translate business needs into technical deliverables.
- Built responsive UIs with Bootstrap, jQuery, and AJAX, increasing task efficiency by 18%.
- Championed coding best practices via code reviews, raising overall team code quality and reducing bug density.
- Reduced post-release issues by ~10% through proactive debugging and unit testing.

PROJECTS

Flixed – Personalized Movie Tracker - <https://flixed-movie-tracker.pages.dev>

Developed a full-stack movie tracker using React.js, Django REST, and PostgreSQL, integrating TMDB/OMDB APIs with JWT authentication and Chart.js visuals to enable search, watchlists, personalized dashboards, and secure, engaging user experiences.

InvoiceGen - <https://github.com/nilesh1168/invoice-gen-app>

Built InvoiceGen, a cross-platform mobile app using React Native (TypeScript) for iOS and Android, enabling small businesses and freelancers to generate PDF invoices with secure OAuth-based authentication.

CMS on Cloud Built a Flask web app on AWS EC2 using Comprehend and RDS to automate feedback summarization and sentiment analysis, with a responsive JavaScript/Bootstrap interface improving workflows, scalability, and user engagement.