


# Rutvik Shah

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## WORK EXPERIENCE

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### Évodév Technologies Inc. | Software Developer

Sept 2024–Present

- Currently working on a real-time monitoring system using Grafana, Telegraf, and InfluxDB to track things like backups, system health, and overall resource usage.
- Recently worked on multiple Flutter projects, building Android and iOS apps as separate projects.
- Engaged in various updates requested by clients for web applications, specifically related to calibration systems and construction management.
- Collaborated with Outlook APIs, primarily utilizing the Microsoft Graph API to perform various CRUD operations for events and calendar management.
- Led multiple projects focused on migrating legacy code from Python 2.7 to Python 3, ensuring a smooth transition and improved performance.

### Cold Chain Science Enterprises | Software Developer

Jan 2024–Sept 2024

- Identified and fixed key issues in the Java monitoring system, enhancing code performance and data integration with PostgreSQL, which boosted system reliability.
- Also implementing a new project that incorporates a modern tech stack for efficient development and performance.
- Architected the back end with Python, employing SQL Alchemy for effective database interactions and FastAPI for robust API development.
- Front-end incorporates Nuxt.js for better user interaction. Implemented Postgres as the database.

### The Dev Guys | Full Stack Developer Intern

Sept 2023 – Dec 2023

- Engineered and rigorously debugged a web application using Next.js and Supabase, reducing error rates by 25% and enhancing user experience, resulting in a 40% increase in user retention.
- One of the projects was the development of a fully responsive blog web application, which includes an intuitive dashboard for the efficient management of posts, bookmarks, and other essential functionalities.
- Transformed blog web app to be fully responsive, improving user engagement by 30% and resulting in an increase in session duration.

### Brainvire Infotech | Associate Software Engineer

Feb 2021 – July 2022

- Took charge of designing, developing, and integrating customer-specific features using Python to modularize system features by 80% and increase scalability.
- Optimized database schemas and normalization in PostgreSQL, reducing query time by 50%.
- Orchestrated the event-based monitoring for the Point of Sales (POS) Application for identifying performance bottlenecks and helped reduce the turnaround time for root cause analysis by 40%.
- The framework is modular and configurable, enabling easy integration of new payment systems. This reduced the development time from a month to approximately 2 days.

## SKILLS

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Programing Language	Python, Typescript, JavaScript, Flutter, React Native
Web Development	React.js, Next.js, Nuxt.js, Node.js, Django, Flask
Databases	MongoDB, Firebase, PostgreSQL, MySQL, Supabase
Cloud Applications	Amazon web services, Google Cloud Platform

## EDUCATION

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**Dalhousie University, Halifax, Canada | GPA: 3.56/4**  
Master of Applied Computer Science

Sept 2022 – Dec 2023

**Saffrony Institute of Technology, India | CGPA: 9.47/10.00**  
Bachelor of Technology in Information Technology

May 2017 – June 2021