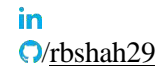


# Rutvik Shah

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## WORK EXPERIENCE

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**Évodév Technologies Inc.** | Software Developer Sept 2024–Present

- Led multiple projects focused on migrating legacy code from Python 2.7 to Python 3, ensuring a smooth transition and improved performance.
- 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.

**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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<b>Programming Language</b>	Python, Typescript, JavaScript, jQuery, Java, C#
<b>Web Development</b>	React JS, Node JS, Next JS, Nuxt JS, Django, Flask, Bootstrap, MUI, Tailwind
<b>Databases</b>	MongoDB, Firebase, PostgreSQL, SQL, Supabase
<b>Cloud Applications</b>	Amazon web services, Google Cloud Platform
<b>Tools</b>	VS code, Eclipse, Sublime, Vi/Vim, Bash, Linux, Windows, Git, GitHub, JIRA
<b>Concepts &amp; Practices</b>	SOLID Principles, Agile Development Methodology, TDD, CI/CD, SDLC, Design Patterns

## EDUCATION

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**Dalhousie University, Halifax, Canada** | GPA: 3.56/4 Sept 2022 – Dec 2023  
Master of Applied Computer Science

**Saffrony Institute of Technology, India** | CGPA: 9.47/10.00 May 2017 – June 2021  
Bachelor of Technology in Information Technology