

Rutvik Shah

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WORK EXPERIENCE

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 SQLAlchemy 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

Programming 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

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