

# Yash Sawlani



Software Developer

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Bengaluru

## Work Experience

### Dell

Dec 2021 - present

Software Engineer 2

- **Increased sales team efficiency by 30%**, by developing a suite of applications having analytics, predictions, and Generative AI capabilities.
- **Led architectural decisions** to design and scale applications, ensuring robustness and scalability in line with project requirements.
- **Reduced latency by up to 50%** by implementing caching, load balancing, and efficient database queries, thus **reducing operational costs** and required computation.
- **Reduced deployment time by 40%**, by setting up and maintaining **CI/CD pipelines** on GitLab, automating build, test, and deployment processes, and thus enhancing development agility.
- Successfully **implemented OAuth2-based Single Sign-On (SSO)** for seamless user authentication and authorization.
- Implemented **usage tracking and automatic access provisioning mechanisms**, to ensure comprehensive functionality.
- Implemented **Data Visualization using React, Material UI, and ChartJS**.

### Infosys LTD

Dec 2018 - Feb 2021

Systems Engineer

- Developed **responsive UIs using React and JavaScript**.
- Worked on backend systems using **Python and PostgreSQL**.
- Implemented **Test Driven Development** by bringing in Jest Testing Library for Unit Tests and stress testing using NeoLoad.
- **Documented all the Rest API routes** for an application in production using tools like Swagger UI.
- **Collaborated with stakeholders** to optimize applications for improved performance and user adaptability, focusing on both technical enhancements and user-centric features.

## Key Projects / Involvements

- **Generative AI Sales Application** - Fullstack application leveraging OpenAI/Open Source APIs and further trained on internal data, this tool gives quick responses to any relevant questions that the sales team might ask - **React, Node, Python, LangChain, PostgreSQL**
- Sales and Collections Data Analytics Dashboards - **React, Node, SQL**
- Customer Similarity Dashboard - **Python Javascript**
- Dedicated documentation and usage guide sites - **Swagger UI, Microsoft Sharepoint**
- Financial Services landing page - React

## Certificates and Awards

- Received **Innovation Award** for Integrating Gen AI into applications
- Received award for **Best Performer** for consistently exceeding the performance expectations

Certifications in the following work streams:

- React, Redux and GraphQL
- Docker and Kubernetes
- AWS Fundamentals: Going Cloud-Native
- SQL for Data Science
- Web Development Bootcamp

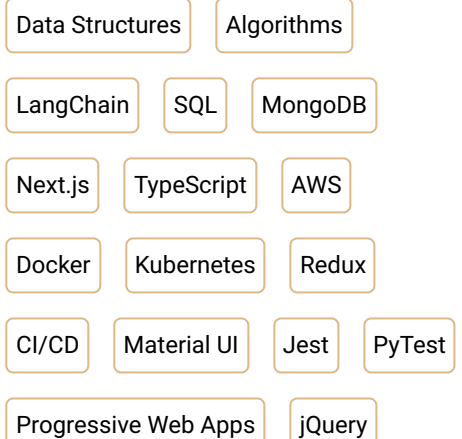
## Summary

Accomplished **full-stack developer with 5+ years of expertise** in cutting-edge technologies. Specialized in **Generative AI, performance optimization, and CI/CD pipelines**, delivering solutions that elevate user experiences, drive sales, and ensure system scalability. Proficient in React, Node, Python, SQL, and more with a strong portfolio of successful projects.

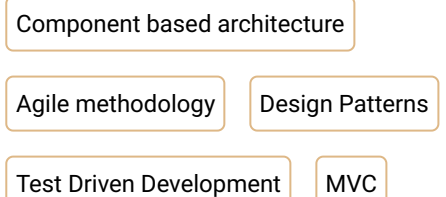
## Technical expertise



## Skills / Exposure



## Methodology/Approach



## Tools



## Education

Bachelor of Engineering - Mechanical  
Gujarat Technological University      Apr 2014 -Apr 2018