

# Kushal Patel

2+ Years of Experience

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## Profile

Dynamic and skilled Software Engineer with 2 years of hands-on experience in designing and developing dynamic web applications. Proficient in both front-end and back-end development, with a strong understanding of leading teams, client communication, Python Django, and containerization. Adept at implementing user authentication, authorization, and integrating third-party APIs. Strong problem-solving skills and a solid foundation in data structures and algorithms.

## Work Experience

### Internship at BrainyBeam Technologies, Ahmedabad

January 2022 – April 2022

### Software Engineer at Lerniphi Technology, Ahmedabad

August 2022 – present

### LMS (Learning Management System)

- Contributed to the development of the LMS web application, specializing in customization for LMS and CMS projects.
- Implemented customizations in Open edX (Ironwood, Palm, Olive versions) to enhance functionality and user experience.
- Integrated Single Sign-On (SSO) and OAuth 2.0 for improved security and user authentication.
- Created XBlock modules to extend platform capabilities and support specialized learning interactions.
- Implemented video assignments and create API to integration With Vimeo.

### EMPLOYEE TRAINING

- Developed APIs to provide data for Power BI integration, enabling real-time visualization of employee achievement data based on course scores.
- Designed and implemented RESTful APIs in Python and Django, ensuring secure and efficient data retrieval and processing.
- Collaborated closely with clients to gather requirements, define API endpoints, and validate data structures to align with Power BI reporting needs.
- Managed client communications throughout the project lifecycle, addressing inquiries, providing status updates, and managing expectations effectively.

## Skills

Languages: Python, JavaScript, HTML

Technologies: jQuery, Ajax, JSON, OpenEdx

Frameworks CAPIs: Django, RESTful APIs

Database: MySQL Containerization and Orchestration: Docker,

Kubernetes

Version Control: GitHub, Gitlab, Git

## Education

B.Tech. (2018-2022): 8.1 CGPA

Gujarat Technological University, Ahmadabad

Intermediate (2016-2018)

Govt Sr Sec school kherwara Udaipur Rajasthan

High School (2016-2018)

Board Of Secondary Education Rajasthan

### IMAGE PROJECTION

#### Designation: Team leader

Developed and integrated functionality to produce high- quality images and threaded images using Python, leveraging libraries such as Pillow and OpenCV2.

Implemented seamless display of images on projectors using Epson iprojection technology. Managed end-to-end responsibilities for middleware architecture, ensuring robust performance and integration with the Android application.