

Kushal Patil

(+91)9529214256 | kushal2423@gmail.com | [linkedin.com/kushal-patil29](https://www.linkedin.com/in/kushal-patil29) | github.com/KushalPatil7

EXPERIENCE

Data Analyst Intern

Feb 2024 – March 2024

Data Lumina

- Analyzed and interpreted large datasets to uncover trends and insights, supporting data-driven decision-making.
- Supported data-driven decision-making by assisting in analysing key business metrics and trends.
- Collaborated with team members to prepare and present data summaries and reports to stakeholders.

PROJECTS

CrowdCure | MERN Stack (MongoDB, Express, React, NodeJS)

July 2024 – Present

- Designed and developed a full-stack web application using the MERN stack to connect individuals with community-driven problem-solving initiatives.
- Implemented a user authentication system and role-based access control for secure user interactions.
- Created a dynamic interface for posting and tracking local problems, allowing users to collaborate on solutions.
- Integrated RESTful APIs to efficiently handle data retrieval and updates across the platform.

Predictive Maintenance Model | Python, Streamlit, PCA, Machine Learning

Dec 2023 – Jan 2024

- Built a predictive maintenance model using Streamlit for real-time equipment failure predictions.
- Applied machine learning and PCA to forecast equipment issues based on operational data.
- Conducted data preprocessing and feature selection to improve model accuracy and performance.
- Documented the model's development process and results, providing insights for further improvements.

Hostel Guide Website | (MongoDB, Express, React, NodeJS)

Sept 2023 – Nov 2023

- Developed a comprehensive hostel guide website using the MERN stack to provide detailed information on hostel facilities and services.
- Implemented user authentication and profile management features for a personalized experience.
- Created a responsive and intuitive user interface using React, enhancing usability and accessibility.
- Integrated MongoDB for efficient data storage and retrieval, and set up Express.js to handle backend operations.

TECHNICAL SKILLS

Languages: C++, JavaScript, Python

Frameworks: React, Node.js

Database: SQL, MongoDB

Libraries: pandas, NumPy, Matplotlib

CERTIFICATIONS

Web Development Bootcamp

Udemy

Comprehensive course covering full-stack web development, including HTML, CSS, JavaScript, Node.js, and React.

Advanced Python Course

Guvi and IIT Madras

In-depth course focusing on advanced Python programming techniques, including data analysis and machine learning.

EDUCATION

B.E. in Computer Engineering

PCCOER, SPPU University

Expected Graduation: Jun. 2025

GPA: 8.43/10

Higher Secondary Certificate (HSC)

Arihant College

Aug. 2021

Percentage: 92.33/100