

YASH SHAH

Research Enthusiast | Backend Developer | Machine Learning Enthusiast

+91 9510439653

yash-shah-portfolio

shahyash010

yashshah2511

yashshah4122002@gmail.com

ABOUT ME

Passionate and versatile developer with a strong grip on MVC technologies, MERN and MEAN stack, specializing in backend development with Node.js and Express.js. Proficient in building scalable APIs, managing databases. Hands-on experience in Machine Learning using Python and popular libraries like scikit-learn, with the ability to build data-driven models and solutions. Eager to contribute to innovative projects in both .NET and Machine Learning domains through impactful internships.

EDUCATION

TOPS TECHNOLOGIES

Data Science

2025–Present

LJ INSTITUTE OF COMPUTER APPLICATION

Master of Science in Information Technology (MSc IT)

2024–2026

LJ INSTITUTE OF COMPUTER APPLICATION

Bachelor of Science in Information Technology (BSc IT)

2021–2024

SKILL

TECH-LANGUAGES

- C/C++
- C#
- PYTHON
- JAVA
- JAVASCRIPT

Database

- SQL
- MongoDB

FrameWorks

- ExpressJS
- NodeJS
- AngularJS
- DotNet MVC
- Django
- ReactJS

Soft Skills

- Quick Adaptability
- Problem solving
- Team Management
- Content delivery
- Good Leadership

WORK EXPERIENCE

LJICA

Visiting Faculty

JANUARY 2025

- Conducted ASP.NET MVC sessions as Visiting Faculty at LJSCA in January 2025, focusing on web development using the MVC architecture. Delivered simplified, interactive lectures with real-world examples and hands-on projects. Designed structured lesson plans and assessed student performance through discussions, evaluations, and feedback to strengthen their ASP.NET MVC skills.

LJSCA

Visiting Faculty

JULY 2024

- Conducted Django sessions as Visiting Faculty at LJSCA in July 2024, focusing on backend development. Delivered practical, engaging lectures with real-world applications and live coding. Created structured lesson plans, integrated hands-on projects, and evaluated student progress through quizzes and feedback to strengthen their conceptual understanding of Django.

IN-HOUSE PROJECTS

SKILLSWAP (MEAN Stack)

APRIL 2025

SKILLSWAP

- "Co-developed SkillSwap, a MEAN stack app for peer-to-peer skill exchange. Implemented JWT & Google OAuth 2.0, real-time chat with Socket.io, and role-based access. Built a responsive UI with Angular Material & Tailwind CSS, supporting skill listings, exchanges, certification uploads, and collaborative features."

Fraud Detection On Online Payment Method

MARCH 2025

Fraud Detection

- Developed a Fraud Detection system for online payment methods using Python and real-world transactional datasets. Performed data cleaning, preprocessing, and feature engineering to enhance model accuracy. Applied and compared models including Logistic Regression, Decision Tree, Feedforward Neural Network, and XGBoost.

Skyway (MERN Stack)

OCTOBER 2024

skyway

- "Built a Flight Management System using the MERN stack with secure JWT authentication, admin dashboard, flight search, ticket booking, and report generation. Integrated Nodemailer for emails, used MUI for a responsive UI, and designed RESTful APIs with Node.js, Express, and MongoDB."

RESEARCH AND CERTIFICATES

Research Presentation – IFERP

FEBRUARY-2025

IFERP

- Presented a research paper titled "Metaverse Demystified" at ICRAECA (IFERP), covering design principles, deployment frameworks, and security challenges in the Metaverse. Co-authored with Arnold Macwan and Dr. Anuradha Acharya; currently under review for WOS-indexed journal publication.