Yash Panchal

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EDUCATION

LDRP Institute of Technology and Research   June 2022- July 2026
Bachelor of Engineering- Computer Enigineering; CGPA: 7.10   *Gandhinagar*

Coursework: Data Structures, Analysis of Algorithms, Artificial Intelligence, Machine Learning, Computer Networking, Database Management System, Natural Language Processing

SKILLS SUMMARY

Languages	Python, JavaScript, TypeScript, HTML/CSS, SQL, NoSQL
Python Ecosystem	NumPy, Pandas, Matplotlib, Scikit-learn
Frameworks / Libraries	React, Next.js, Node.js, Express, Flask, Tailwind CSS, Mongoose, jQuery, Bootstrap
Tools & Technologies	Git, GitHub, Postman, VS Code / PyCharm
Cloud & DevOps	Google Cloud, GitHub Actions, Firebase
Databases	MySQL, MongoDB, Firebase
Soft Skills	Communication, Teamwork, Problem Solving, Leadership

EXPERIENCE

Python Developer Intern –[Certificate]   May 2024 – August 2024
Sealink Infosys Pvt.   *Ahmedabad*

- Developed and maintained robust web applications using Python and the Flask framework, ensuring seamless functionality and efficient backend operations.
- Designed & implemented RESTful APIs to enable smooth interaction between frontend interfaces and backend services.
- Created and optimized database schemas and queries using MySQL/Firebase, ensuring data integrity and high performance.
- Gained hands-on experience in full-stack development, from backend logic and database management to deployment and performance optimization.

PROJECTS

FOREVER (MERN E-Commerce project) | Link   April 2024

- FOREVER is a clothing e-commerce platform built on the MERN stack (MongoDB, Express, React, Node.js).
- It features secure payments with Razorpay & Stripe, image storage via Cloudinary, and a modern, responsive UI. Designed for scalability, it delivers a seamless online shopping experience for fashion enthusiasts.
- Implemented user authentication & authorization with JWT (JSON Web Tokens) for secure login, registration, and protected routes.
- Leveraged Axios & CORS for robust API communication between frontend and backend services.
- Also featuring an admin dashboard for product management, order tracking, and secure payments via Stripe, with Cloudinary integration for optimized media handling.

Classroom Attendance and Feedback System | Link   April 2024

- Developed a digital platform that automates classroom attendance using dynamic QR codes, reducing manual errors and preventing proxy attendance.
- Integrated a student feedback module to capture real-time feedback on teaching effectiveness and learning experience.
- Built with Python, MySQL, and Tkinter/Flask (depending on what you used), featuring secure data storage and automated report generation.
- Improved classroom efficiency by streamlining attendance tracking and enhancing student–teacher engagement.

CERTIFICATIONS

- **NPTEL :** Python for Data Science — Link
- **NPTEL :** Enhancing Soft Skills and Personality — Link

VOLUNTEER EXPERIENCE

Graphic Designing Committee Member, Xenesis LDRP-ITR   Feb 2024

- Contributed as a Graphic Designing Committee Member in Xenesis, the technical fest of LDRP-ITR, by creating event posters, digital creatives, and visual assets to enhance branding and audience engagement.