







Shailly Yadav

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Education

Indian Institute of Information Technology, Vadodara

June 2026

B.Tech in Computer Science, CPI: 8.15/10.0

Relevant Coursework: Distributed Systems, Deep Learning, Data Structures and Algorithms, System Software, DBMS, Linear Algebra, Probability and Statistics, Computer Networks, OOPs

McKinsey Forward Program

2025

- Intensive leadership and digital skills training by McKinsey & Company

Skills

Languages: Python, Java, C, SQL, JavaScript (Node.js), Dart (Flutter)

Machine Learning: Supervised/Unsupervised Learning, NLP, Computer Vision, Model Deployment, Transfer Learning

Libraries & Frameworks: TensorFlow, PyTorch, Scikit-learn, Hugging Face, Flutter, Node.js, Flask, React, pandas, NumPy, Matplotlib, OpenCV

MLOps & Cloud: Docker, Kubernetes, GitHub Actions, Azure(Familiar), AWS (Basics), Firebase, DVC

Databases: MySQL, PostgreSQL, Firebase

Other: Distributed Systems, System Design, Git, Unix/Linux, TCP/IP, SDLC, UI/UX Design

Soft Skills: Problem-Solving (solved 500+ problems on Leetcode), Collaboration, Communication, Critical Thinking

Work Experience

Flutter Developer Intern, Orbsdio

May 2025 – Present

- Developing a cross-platform mobile app using Flutter and Node.js, integrating Firebase for real-time backend services, serving 5K+ users with 99.9% uptime
- Designed intuitive UI/UX for 10+ app screens, improving user engagement by 25% through iterative feedback with the design team
- Collaborated with a 5-member backend team to optimize API endpoints, reducing response time by 15% using Node.js and Firebase
- Mastered Git workflows (branching, PRs, code reviews), contributing to 20+ merges with zero conflicts

AI Research Intern, Planto.ai

Feb 2025 – May 2025

- Prototyped 5+ AI-driven solutions for LLM applications, optimizing inference latency by 20%
 - Enhanced AI Copilot backend efficiency by debugging 6+ bottlenecks in a 10-member agile team, improving throughput by 30%
 - Implemented model pruning techniques, reducing model size by 15% without accuracy loss, enabling deployment on edge devices
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Projects

Text Summarization Web App – NLP, CI/CD, Python, Flask

Jul 2024

- Built an NLP system achieving 85% ROUGE score for real-time summarization of long-form texts, processing 1K+ documents
- Automated end-to-end ML pipeline (data validation to evaluation), reducing manual effort by 90% using GitHub Actions
- Deployed with CI/CD, cutting update time by 50%: github.com/Shailly-450/Text-Summarizer

Object Detection Webapp – Computer Vision, YOLOs, PyTorch, Gradio

Mar 2024

- Developed a YOLOs-based app detecting 80+ object classes with 92% mAP@50, handling 1K+ user uploads
- Deployed on Hugging Face Spaces with Gradio UI, achieving <2s response time: huggingface.co/spaces/Shailly29

Chicken Disease Classification – Deep Learning, Flask, Docker, React

Apr 2025

- Trained a CNN achieving 97.2% accuracy for 3 poultry disease classes, validated on 10K+ images
- Containerized Flask/React app with Docker, enabling 5-minute cross-platform deployment: github.com/Shailly-450/Chicken-Disease-Prediction