




Shailly Yadav


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 leetcode.com

 Portfolio

 7007051309

EDUCATION

Indian Institute of Information Technology, Vadodara

June 2026

B.Tech in Computer Science | Current CPI: 8.15/10.0

International Hindu School, Varanasi

June 2021

Senior Secondary High School | 94.1%

SKILLS

- **Languages:** Java, C, Python, Dart
- **Tools:** Git/GitHub, Version control, MySQL, Linux, macOS Android Studio, VS Code, Postman, Firebase, Tableau, REST API, Docker, Kubernetes, Hugging Face, Computer Vision, Image Processing
- **Frameworks:** Flutter, HTML, CSS, Node.js, FastAPI, Data Analysis & Modeling, Tensorflow, pandas, NumPy, Matplotlib,
- **Soft Skills:** Problem-Solving, Teamwork, Project Management, Adaptability, Communication

COURSEWORK

Data Structures and Algorithms, OOPs, Computer Organization and Architecture, Software Engineering, System Software, DBMS, Probability and Statistics, Linear Algebra, Distributed Systems, Metaverse

WORK EXPERIENCE

AI Research Intern Planto.ai -Feb 2025

- Conducted research on AI-driven solutions, contributing to innovative projects in artificial intelligence.
- Worked closely with mentors to explore advancements in LLMs, model optimization, and AI security.
- Worked with team to build copilot, helped in bug fixing

Tata Data Visualisation: Empowering Business with Effective Insights (Forage) - Jan 2025

- Completed a simulation focused on creating data visualizations for Tata Consultancy Services.
- Prepared insightful questions for a meeting with client senior leadership to guide discussions.
- Designed visuals for data analysis to assist executives in effective decision-making.

PROJECTS

Text Summarization Web App | *NLP, Machine Learning, GitHub Actions, Python*

Jul 2024

- * Developed an NLP tool for text summarization, creating concise versions of longer texts while preserving key information.
- * Implemented a machine learning pipeline for data ingestion, validation, transformation, training, and evaluation.
- * Deployed via GitHub Actions, demonstrating CI/CD pipeline automation.
- * Project source code: [Text-Summarizer](#)

Object Detection Webapp | *Computer Vision, YOLOs, Transformers, PyTorch, Gradio*

2024

- * Developed an object detection web app using YOLOs for identifying objects in images.
- * Integrated Gradio to provide an interactive UI for uploading images, setting probability thresholds, and selecting object classes.
- * Enabled result visualization with bounding boxes and export functionality for processed images.
- * Project source code: [Object Detection](#) (Deployed on Hugging Face).

Smart ATS: Interactive Resume Evaluation Tool | *Streamlit, Google Generative AI, Data Visualization*

Sept 2024

- * Built a web app with Streamlit for evaluating resumes against job descriptions using Google Generative AI's Gemini Pro model.
- * Added data visualization for enhanced insights on resume alignment, improving user experience and evaluation accuracy.
- * Configured and integrated Google Generative AI API, showcasing skill in secure API usage and third-party service integration.
- * Project source code: [Smart-ATS](#)

CERTIFICATIONS

- **HackerRank Java (Basic):** [Certificate Link](#)
- **Hack this Fall 3.0:** [Certificate Link](#)
- **Advanced Learning Algorithms** Coursera.org
- **Supervised Machine Learning:** [coursera.org](#)
- **HackerRank Python (Basic)** [Certificate Link](#)