

Shreya Yadav

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EDUCATION

Banasthali Vidyapith

Bachelor of Technology in Computer Science; **CGPA 8.6/10**

Rajasthan, India

July 2021 – May 2025

B.K.D. Aldrich Public School

10+2, CBSE: **93.2%**

UP, India

2020 – 2021

B.K.D. Aldrich Public School

10, CBSE: **90.4%**

UP, India

2018 – 2019

EXPERIENCE

Centre For Railway Information Systems

Aug 2024 – Dec 2024

Project Intern | .NET, VB.net, ASP.net, Javascript, SQL

- Enhanced core functionalities of the Bela project by implementing feature upgrades, resulting in a 20% increase in operational efficiency and a 25% reduction in project turnaround times.
- Resolved critical bottlenecks in the development pipeline by identifying and addressing inefficiencies, which improved resource allocation and resulted in a 30% reduction in task completion time, contributing to a 50% increase in overall project throughput.

Jindal Steel and Power Limited

May 2024 – Jul 2024

Software Engineering Intern | Python, OCR, Tesseract, AI/ML

- Developed and implemented an Identity Proof Documents Verification Service using OCR technology, achieving 65% data extraction accuracy across various document types and accelerating verification processing by 70%.
- Engineered and deployed a calendar tool to optimize event management, automating over 500 event creations, updates, and deletions daily, which led to increase in scheduling efficiency.
- Designed and validated more than 1,500 test cases for Jai Bot, an AI/ML-powered chatbot, resulting in an 80% boost in query response accuracy and ensuring 99% reliability in handling over 10,000 intranet-related inquiries monthly.

PROJECTS

JARVIS | Python, Flask, OpenAI

Dec 2024 – Present

- Spearheading the development of an advanced AI chatbot, modelled after Jarvis from Iron Man, utilizing the OpenAI API for natural language processing and conversational interactions.

Smart Attendance System | Python, OpenCV

Apr 2024 – May 2024

- Developed a real-time facial recognition attendance system using Python, achieving 75%+ accuracy in face matching
- Processed via OpenCV and face recognition for seamless identification.

Campus Catch | HTML 5, CSS 3, Javascript, PHP, MySQL, Xampp

Sep 2023 – Mar 2024

- Developed the Banasthali Vidyapith website, increasing user satisfaction by 20% during beta testing with 500+ users.
- Added news and a FAQ section, improving information access by 50% and reducing inquiries by 30%.

TECHNICAL SKILLS

Languages: C++, Python, Java, C, SQL, JavaScript, HTML/CSS

Frameworks: React, .Net, Node.js/Express, MongoDB

Developer Tools: VS Code, Visual Studio, PyCharm, Git/Github, Linux

Libraries: Pandas, NumPy, Matplotlib, Tesseract, OCR, OpenCV

Major Coursework: Data structure, Object Oriented Programming, Database Management Systems, Operating System

ACHIEVEMENTS

- Selected in top 100 among **4000+** students for a 5-month program at **PwC** focused on IT fundamentals and RDBMS progressing through 50% of the curriculum in the first 3 months while acquiring a score of 92%.
- Authored a review paper titled “**High-Tech Drive: A Review of Car Connectivity and A Major Loophole**” highlighting data security and privacy issues in-car connectivity. [Read Here](#)