

Abhishek Yadav

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Education

Vellore Institute of Technology, Bhopal

Aug 2022 – Aug 2026

B.Tech in Computer Science Engineering (E-Commerce Technology) CGPA: 8.61

Shri Bal Krishna Public Vidyalaya, Mau (U.P.)

Apr 2021 – Mar 2022

Senior Secondary (Grade XII), CBSE, Percentage: 90.2%

MPVM Ganga Gurukulam School, Prayagraj (U.P.)

Apr 2018 – May 2019

High School (Grade X), CBSE, Percentage: 93.6%

Technical Skills

- **Languages:** C++, Python, Java (basic), JavaScript, HTML, CSS
- **Databases & Tools:** SQL (Advanced), MongoDB, Excel, Git, Github
- **Data Engineering & Analytics:** Data Modeling, REST APIs, ETL Pipelines, Data Visualization
- **Frameworks & Libraries:** Node.js, React, Next.js, Flask, NumPy, TensorFlow, Pandas
- **Cloud & Platforms:** AWS, System Design

Professional Experience

Software Development Intern, Bluestock Fintech, Pune

Apr 2025 – May 2025

- Architected production-ready fintech application using full-stack technologies, achieving 100% deployment readiness while serving 1000+ active users across enterprise platform.

Co-Founder, WebLab (India)

Dec 2024 – Feb 2025

- Developed NaukriPayPlacement.com on WordPress based on client requirements, Optimized deployment time by 30% and improved SEO performance by 40% through technical enhancements.

Projects

Sign Language Detection System [Github](#)

Feb 2024 – Mar 2024

Python, OpenCV, Mediapipe, Flask, TensorFlow

- Built a real-time sign language translation system with 95% hand tracking accuracy and 85%+ translation accuracy using custom ML models.
- Reduced compute overhead by 25% and enabled scalable Flask-based deployment on constrained devices.
- Implemented scalable Flask-based API architecture supporting concurrent user sessions with sub-200ms response latency for real-time translation requests.

ChunarPottery - Heritage E-commerce Platform [Github](#)

Aug 2024 – Sep 2024

React, Node.js, MongoDB

- Designed an e-commerce website to promote heritage pottery, increasing artisan revenue by 40%.
- Engineered a responsive UI with dynamic search filters, secure payment gateways, and cross-device compatibility for seamless UX.
- Implemented MERN stack architecture with JWT authentication, admin dashboards.

IHDR - India Health Data Repository [Github](#)

Feb 2025 – Mar 2025

React, Flask, Python, REST APIs

- Engineered a centralized health data platform, improving data access for researchers by 40%.
- Implemented visual analytics and AI insights to improve healthcare interpretation efficiency by 60%.
- Architected secure REST API infrastructure with role-based access control and authentication protocols, enabling scalable data distribution while handling 500+ concurrent researcher queries with 99.9% uptime.

Achievements

- Cleared Coding Round – Amdocs Graduate Gen AI Hackathon.
- Finalist – HealthTech AI Hackathon, IIT BHU.
- Semi-Finalist – Bosch (BGSW) Hackathon, IIT Hyderabad.
- Semi-Finalist – TVS Eurogrip TORQ Challenge 3.0.
- Finalist – Consultadd Hackathon – Odyssey of Code.

Certifications & Extracurriculars

- **Certification:** C++ Programming (Udemy), HTML, CSS & JavaScript (Coursera), Supply Chain Analytics (NPTEL).
- **ExtraCurricular:** Technical Core Member, E-Commerce Club, Solved 200+ DSA problems on Codeforces LeetCode, Completed 100 days of Code (DSA).