

# Abhishek Yadav

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## Education

<b>Vellore Institute of Technology, Bhopal</b> <i>B.Tech in Computer Science Engineering (E-Commerce Technology) CGPA: 8.56</i>	Aug 2022 – Aug 2026
<b>Shri Bal Krishna Public Vidyalaya, Mau (U.P.)</b> <i>Senior Secondary (Grade XII), CBSE, Percentage: 90.2%</i>	Apr 2021 – Mar 2022
<b>MPVM Ganga Gurukulam School, Prayagraj (U.P.)</b> <i>High School (Grade X), CBSE, Percentage: 93.6%</i>	Apr 2018 – May 2019

## Technical Skills

- **Languages:** C++, Python, JavaScript, HTML, CSS, TypeScript
- **Databases & Tools:** MongoDB, SQL, Excel, Git, Github, Linux
- **Frameworks & Libraries:** React, Node.js, Next.js, Flask, Express, TensorFlow, NumPy
- **Cloud & DevOps:** AWS, REST APIs, System Design

## Professional Experience

<b>Software Development Intern, Bluestock Fintech, Pune</b> • Architected production-ready fintech application using full-stack technologies, achieving 100% deployment readiness while serving 1000+ active users across enterprise platform.	Apr 2025 – May 2025
<b>Co-Founder, WebLab (India)</b> • Founded technical operations for web development agency, delivering NaukriPayPlacement.com with React.js/Node.js architecture that reduced deployment time by 30% and boosted SEO performance by 40%.	Dec 2024 – Feb 2025

## Projects

<b>Sign Language Detection System</b> <a href="#">Github</a> <i>Python, OpenCV, Mediapipe, Flask, TensorFlow</i> • 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.	Feb 2024 – Mar 2024
<b>ChunarPottery - Heritage E-commerce Platform</b> <a href="#">Github</a> <i>React, Node.js, MongoDB, Blockchain</i> • Designed an e-commerce website to promote heritage pottery, increasing artisan revenue by 40%. • Integrated blockchain-based verification system to ensure 100% product authenticity and traceability. • Created responsive user interface with advanced search filters and payment gateway integration, supporting seamless customer experience across desktop and mobile platforms.	Aug 2024 – Sep 2024
<b>IHDR - India Health Data Repository</b> <a href="#">Github</a> <i>React, Flask, Python, REST APIs</i> • Engineered a centralized health data platform with AI-ready datasets, 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.	Feb 2025 – Mar 2025

## 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).