

Abhishek Yadav

Phone: (+91) 9555998391 **LinkedIn:** <https://www.linkedin.com/in/abhishek-yadav-059942251/>.
GitHub: <https://github.com/Abhi-2516>. **Email:** abhishekyadav2022@vitbhopal.ac.in, 2516abhi43@gmail.com.

Education

Bachelor of Technology in Computer Science and Engineering (E-Commerce Technology) <i>Vellore Institute of Technology, Bhopal (M.P.), India CGPA: 8.54/10</i>	Aug 2022 – Expected Aug 2026
Senior Secondary (Grade XII) <i>Shri Bal Krishna Public Vidyalaya, Mau (U.P.), India CBSE Board Percentage: 90.2%</i>	Apr 2020 – Jul 2021
High School (Grade X) <i>MPVM Ganga Gurukulam School, Prayagraj (U.P.), India CBSE Board Percentage: 93.6%</i>	Apr 2018 – May 2019

Experience

Software Development Intern Bluestock Fintech <ul style="list-style-type: none">Collaborating with a team of interns under a team lead to develop a production-level web project.Contributing to full-stack development tasks aimed at integration into the company's live platform.	Apr 2025 – May 2025
Co-Founder WebLab – Web Development Agency <ul style="list-style-type: none">Co-founded WebLab, development agency, delivering modern, responsive websites and scaling operations to serve 10+ clients within the first three months.Led end-to-end development, optimizing website performance by 40% and reducing deployment time by 30% using automation tools..	Dec 2024 – Feb 2025

Projects

1. Real-Time Sign Language Detection System Github <i>(Python, OpenCV, Mediapipe, Flask, Machine Learning, TensorFlow)</i> <ul style="list-style-type: none">Engineered an AI-powered real-time sign language translation system, achieving 95% hand tracking accuracy using OpenCV and MediaPipe, with 85 %+ translation accuracy through custom TensorFlow models.Optimized system architecture for real-time processing on resource-constrained devices, reducing computational overhead by 25% while implementing the Flask framework for enhanced scalability and performance.	Feb 2024 – Mar 2024
2. ChunarPottery Github <i>(React, Node.js, Express.js, MongoDB, AWS, SEO Optimization, Payment Gateway Integration)</i> <ul style="list-style-type: none">Architected a comprehensive e-commerce platform for heritage pottery with secure payment gateway integration, driving a potential 40% increase in local artisan sales through expanded online reach.Improved website performance through advanced SEO strategies and AWS cloud deployment, boosting organic traffic by 50% with enhanced reliability and scalable infrastructure.	Jul 2024 – Oct 2024
3. India Health Data Repository (IHDR) Github <i>((React, Vite, Flask, Python, AI Insights, Data Visualization, Secure Access, REST APIs)</i> <ul style="list-style-type: none">Developed a scalable health data platform using React and Flask with AI-powered insights and visualisations, boosting data accessibility by 40% and interpretation speed by 60%.Engineered robust Flask-React architecture with refined REST APIs and role-based access control, reducing response time by 35% while achieving 99.9% uptime and improving user engagement by 30%.	Feb 2025 – Mar 2025

Achievements

Cleared Amdocs Graduate Gen AI Hackathon Coding Round.	Jan 2025
Finalist – HealthTech AI Hackathon (IIT BHU).	Mar 2025
Advanced to the Semi-Final Round – Eurogrip TORQ Challenge 3.0 (TVS Eurogrip).	Mar 2025
Advanced to the Semi-Final Round – Bosch (BGSW) Hackathon (IIT HYDERABAD).	Mar 2025
Finalist – Consultadd Hackathon – Odyssey of Code.	Apr 2025

Technical Skills

- Programming Languages:** C++, Python, JavaScript.
- Web Development:** React.js, Next.js, Vite, HTML, CSS, Bootstrap.
- Backend:** Node.js, Express.js, RESTful APIs, JWT Auth.
- Database:** MongoDB, SQL.
- Cloud Services and Tools:** AWS (EC2, Lambda, RDS, ECS), Git, GitHub, CI/CD, CloudFormation.

Certifications & Extracurriculars

Certification: C++ Programming - Udemy (2024), HTML, CSS & JavaScript - Coursera (2024).

ExtraCurricular: Technical Core Member of E-Commerce Club, Solved 200+ DSA problems on Codeforces & LeetCode.