

# Abhishek Yadav

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## Education

<b>Vellore Institute of Technology, Bhopal</b> <i>B.Tech in Computer Science Engineering (E-Commerce Technology)</i> CGPA: 8.62	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 2020 – Jun 2021
<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, Java, JavaScript (ES6+), TypeScript, HTML, CSS
- **Databases:** PostgreSQL, SQL, MongoDB
- **Frameworks & Libraries:** React, Node.js, Next.js, Express, Prisma ORM, Tailwind, Pandas, Scikit-learn
- **Cloud & DevOps:** AWS (EC2, S3), Docker, CI/CD, REST APIs, Microservices, System Design
- **Tools:** Git, GitHub, Power BI, Postman

## Professional Experience

<b>Software Development Intern, Bluestock Fintech, Pune</b> Next.js, Tailwind CSS, ShadCN UI, PostgreSQL, Prisma ORM, Clerk, Gemini AI, Recharts	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-Founded, WebLab (India)**  
• Developed NaukriPayPlacement.com on WordPress as per client requirements, optimizing deployment time by 30% and boosting SEO performance by 40% through technical enhancements.

## Projects

<b>CareerForge - AI Powered Career Coach</b> <a href="#">Github</a>   <a href="#">Live</a> Next.js, Tailwind CSS, ShadCN UI, PostgreSQL, Prisma ORM, Clerk, Gemini AI, Recharts	Jul 2025 – Aug 2025
• Developing an AI career platform providing real-time insights on 100+ industries, salary and skill demands.	
• Building an ATS-optimized resume/cover letter generator to boost application success rates by 70% using AI content customization.	
• Implementing an AI mock interview system with 500+ questions, real-time feedback, and performance analytics to enhance candidate readiness.	
<b>Vendor Performance Analysis – Retail Inventory &amp; Sales</b> <a href="#">Github</a> SQL, Python (Pandas), Power BI	Oct 2025
• Designed an end-to-end analytics workflow using SQL (ETL), Python (analysis), and Power BI (visual dashboard) to evaluate vendor performance.	
• Processed and cleaned ~200K+ transactional records, generating vendor-level KPIs like profitability, inventory turnover, and stock efficiency.	
• Identified a \$2.7M unsold inventory risk and highlighted a 72% cost-saving opportunity through optimized bulk purchasing strategies.	
<b>Customer Churn Prediction</b> <a href="#">Github</a>   <a href="#">Live</a> Python, Pandas, Scikit-learn, SMOTE, Streamlit	Sept 2025
• Deployed a machine learning model as an interactive web application to predict customer churn in real-time.	
• Trained and evaluated a Random Forest classifier, utilizing the SMOTE technique to address class imbalance.	
• Engineered a user-friendly frontend with Streamlit, enabling dynamic predictions based on user-input features.	
<b>Analytica — AI-Powered Data Analysis Platform</b> <a href="#">Github</a> React, Vite, Node.js, Express.js, MongoDB, FastAPI, Python, Scikit-learn, Tailwind CSS	Nov 2025 – Present
• Engineered a no-code analytics platform where users upload datasets (CSV/Excel) and instantly receive automated EDA insights and visualizations.	
• Built a microservice architecture with a Python FastAPI ML engine that auto-detects problem type (classification/regression) and compares multiple models.	
• Delivered an intuitive, modern dashboard, reducing manual analysis time from hours to seconds.	

## Achievements & Extracurriculars

- **Hackathon Achievements:**
  - Finalist – HealthTech AI Hackathon, IIT BHU.
  - Finalist – Consultadd Hackathon – Odyssey of Code.
  - Semi-Finalist – Bosch (BGSW) Hackathon, IIT Hyderabad.
  - Semi-Finalist – TVS Eurogrip TORQ Challenge 3.0.
- **Technical Activities:** Technical Core Member, E-Commerce Club; Solved 400+ DSA problems on LeetCode.

## Certifications

- Oracle Cloud Infrastructure, Oracle Data Platform 2025 Certified Foundations Associate
- C++ Programming (Udemy)
- HTML, CSS & JavaScript (Coursera)