

Vikash Yadav

☎ +91 9554080330 | ✉ typhonya@gmail.com | 🔗 linkedin.com/in/vikashyadavbasti | 🌐 github.com/developervikki | 📁 leetcode.com/aktu_vikash | 📄 geeksforgeeks.org/piloop

SUMMARY

Full-stack developer with expertise in PHP, MySQL, and modern web technologies, with experience in building responsive websites serving 5,000+ monthly users. Strong foundation in data structures, algorithms, and software engineering principles. Completed an AI Mastery program covering Python, Data Science, Machine Learning, and Mathematics for ML, with hands-on projects in regression, classification, feature engineering, and exploratory data analysis. Skilled in applying AI/ML techniques to solve real-world problems and enhance application functionality.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University <i>Bachelor of Technology in Computer Science and Engineering</i>	Expected Aug 2027 Uttar Pradesh, India
Government Polytechnic Gonda <i>Diploma in Electronics Engineering, GPA: 3.8/4.0 (77.9%)</i>	Aug 2023 Uttar Pradesh, India

TECHNICAL SKILLS

- **Programming Languages:** Python, PHP, JavaScript, C, SQL
- **Frontend Development:** HTML5, CSS3, Bootstrap, Tailwind CSS, Responsive Design
- **Backend Development:** RESTful APIs, MySQL, Database Design, PHP
- **AI & Data Science:** NumPy, Pandas, Matplotlib, Seaborn, Data Cleaning, Exploratory Data Analysis (EDA)
- **Machine Learning:** Linear Regression, Logistic Regression, k-NN, Model Evaluation, Cross-Validation, Feature Engineering, Hyperparameter Tuning
- **Mathematics for ML:** Linear Algebra, Calculus (Derivatives, Optimization), Probability, Statistics, Hypothesis Testing
- **Tools & Technologies:** Git, GitHub, VS Code, XAMPP, Postman, Jupyter Notebook
- **Computer Science Fundamentals:** Data Structures & Algorithms, OOP, DBMS, OS, Computer Networks

EXPERIENCE

Softpro India Computer Technologies Pvt. Ltd. <i>Software Engineering Intern</i>	Jul 2022 – Aug 2022 Lucknow, India
<ul style="list-style-type: none">• Developed and implemented e-commerce modules for client-side shopping system using PHP and MySQL• Engineered product browsing, cart management, and checkout features improving user experience• Collaborated with QA team to identify and resolve bugs, enhancing system stability and performance• Participated in code reviews and implemented best practices for maintainable code structure	

PROJECTS

Government ITI Sohawal Official Website <i>PHP, MySQL, JavaScript, Tailwind CSS</i> Live Site	Mar 2024 – Apr 2024
<ul style="list-style-type: none">• Developed and deployed official institutional website serving 5,000+ monthly users• Implemented dynamic content management system for courses, admissions, and notices• Designed responsive mobile-friendly interface using Tailwind CSS, improving accessibility• Reduced content update time by 70% by creating admin panel for non-technical staff	
Digital Library Seat Reservation System <i>PHP, MySQL, JavaScript, Tailwind CSS</i> Live Demo	Jun 2024 – Jul 2024
<ul style="list-style-type: none">• Engineered real-time seat booking system with role-based dashboards for students and administrators• Automated seat allocation process, reducing booking time by 60% for 1,000+ users• Implemented database design with transactions and concurrency control for seat reservations	

ACHIEVEMENTS

- Solved **100+ problems** on **GeeksforGeeks** and **100+ problems** on **LeetCode**, building strong problem-solving and DSA skills.
- Awarded **The Tata Capital Pankh Scholarship Programme for Class 10 Passed Diploma Students 2020** by **Buddy4Study India Foundation**, recognizing academic excellence and outstanding performance.

CERTIFICATIONS

- Introduction to IoT – Cisco Networking Academy (2020)
- Advanced Data Structures in C++ – (2024)
- Full-Stack Web Development with PHP – Softpro India (2022)