

Nilay Rawal

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EDUCATION

- **VIT Bhopal University** (September, 2021 - Present)
Bachelor of Technology in Computer Science & Engineering | CGPA: 8.89
- **Carmel Convent Sr. Sec School, Neemuch** (June, 2021)
Higher Secondary | Percentage:90.8%

Skills

- **Technical Skills:** Python, SQL, VBA, C++, JavaScript, HTML /CSS, React JS, Google Analytics
- **BI Tools:** Power BI, Tableau, Ms Excel

Work Experience

- Frontend Developer Part Time Intern, PRINTONIA** (April, 2024 –June,2024)
- Developed a product website and sales website, ensuring timely updates and maintenance. Coordinated with cross-functional teams to ensure smooth implementation of updates and new features.
 - Created 8 new features based on demand, increasing user engagement by 30% and retention by 15%. Conducted market research to identify user needs and preferences, guiding the development of features that met user expectations.
 - Directed the product lifecycle from concept to deployment, driving project success and achieving a 95% on-time delivery rate. Implemented agile methodologies to streamline the development process and enhance team collaboration.

Projects

- AgriTech- Growing Tomorrow** | Python, HTML/CSS, JavaScript, SQL | [GitHub Repository](#) (April, 2024)
- Engineered “Agritech”: A cutting-edge smart farming solution featuring crop recommendations, advanced disease detection, a local-language chatbot, and a real-time weather app. Designed to enhance productivity by 30%, offering a holistic, one-stop solution for modern farming challenges.
 - Technology Implementation: Deployed ReactJS and HTML/CSS for the user interface, boosting user interaction by 35%. Achieved 97% accuracy in Python model training and ensured robust backend security using Flask, with efficient database management through SQL.
 - Team Leadership & Innovation: Led frontend development and implemented machine learning models within a 4-member team. Utilized advanced technologies and collaborative strategies to drive project success and foster innovation.

- Diwali Sales Analysis: Strategic Insights** | Python, Excel, Dax, Power BI | [GitHub Repository](#) (November, 2024)
- Data Analysis & Automation: Generated Python scripts to preprocess, clean, and automate tasks, efficiently handling over 10,000 data rows, reducing manual effort by 50%, and ensuring precise data analysis for actionable insights.
 - Visualization & Insights: Created interactive dashboards using Tableau and Power BI, analysing key sales metrics and identifying trends, leading to a 15% increase in revenue and enhanced decision-making capabilities.
 - Structured Reporting: Designed optimized schemas and data models and utilized Microsoft Excel to produce 10+ advanced reports, cutting report generation time by 30% and improving data accessibility for stakeholders.

Certifications

- AWS Certified Cloud Practitioner, AWS | [View Credentials](#) (January, 2024)
- Google Analytics Certification, Google | [View Credentials](#) (January, 2025)
- MERN Stack Internship Program, Ethnus | [View Credentials](#) (December, 2023)

Extracurricular

- **Google Crowdsourcing Influencer**, Google x VIT Bhopal. (August, 2022 – April, 2024)
Developed a community website and organized three events, achieving a footfall of over 400 attendees.
- **Technical Team Lead**, English Literary Association VIT Bhopal. (March, 2023 – April, 2024)
Organized multiple English literary events, each drawing a crowd of 500 attendees.

Additional Information

- 5-Star Achiever in Python and SQL, Hacker Rank.
- Solved 300+ questions on the Geeks for Geeks coding platform.
- Hobbies: Playing musical instruments, particularly the harmonium.
- Awarded with Best Student Award, Carmel Convent Sr. Sec School, Neemuch. (June, 2021)