

Priyanka S. Shrivas

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Professional Summary:

Result-oriented IT professional with 8 years of experience in database management, data analysis, web development, and software development. Adept in creating dynamic, user-friendly web applications while ensuring robust backend support through effective database management. Proficient in SQL development and skilled in RDBMS concepts, including sub queries and joins. Demonstrated expertise in creating databases, tables, stored procedures, views, functions, and indexes, with a proven ability to write complex queries. Strong analytical and problem-solving skills, complemented by a solid understanding of database structures, principles, and practices. Adept at data processing and flowcharting techniques, contributing to effective data management solutions. Proficient in data visualization, Dashboard creation and business intelligence reporting using Power BI to analyze and present insights effectively. Experienced in repository management, branching strategies, creating and reviewing pull requests, resolving merge conflicts, cloning repositories, staging and committing changes, pushing to remote, and handling pull/push workflows. Familiar with GitHub Issues, Discussions, Actions (CI/CD), and collaborative coding best practices.

Technical Skills:

Languages: C, C++, Core & Adv. Java, Php, Html, Css, JavaScript, Python, WordPress

Java Tools: Servlets, JSP, JDBC

Databases: MySQL, ORACLE, PostgreSQL, PLSQL, SQL Server

Cloud Platforms: AWS

Development Tools/IDEs: Visual Studio Code, Eclipse

Version Control: GitHub

GIS Tools: QGIS (Quantum GIS)

OS/Environment: Windows, Linux

Application: MS-Office

Testing Skills: Manual Testing

Data Visualization and Analytics: Power BI

AI Tools: ChatGPT, Copilot, Meta AI, Gemini, Power BI AI

Professional Experience:

National Environmental Engineering Research Institute, Nagpur

(From 19th July, 2024-31 March, 2025)

Job Title: Project Assistant

Responsibilities:

- Managed software and hardware tasks related to training programs and Skill Development Center (SDC) operations.
- Created Web Portal of Green Skill Development Program Application Process.

- Software Tools: Advanced proficiency in MS Office (Excel, Word, PowerPoint), and project management software.
- Hands-on experience with QGIS (Quantum GIS), an open-source Geographic Information System, for spatial analysis, geospatial data management, and visualization. My expertise includes raster and vector data processing, hydrological analysis, remote sensing, and GIS automation.
- Computer Operations: Proficient in managing computer systems, troubleshooting hardware and software issues, and ensuring smooth operations of IT infrastructure.
- Documentation Management: Skilled in creating, organizing, and maintaining digital and physical records, scientific reports, and research documentation.
- Data Entry & Management: Expertise in entering, managing, and analyzing data using specialized software and databases including data analysis, report generation, and maintaining research documentation.
- Email & Calendar Management: Efficient in managing official communications, email correspondence, and scheduling meetings.
- Technical Support: Providing basic technical support and troubleshooting for software, and network-related issues.
- Communication Skills: Strong written and verbal communication skills for reporting, documentation, and team collaboration.
- Adaptability: Ability to adapt to new technologies, administrative tools, and scientific research requirements.
- Project Management: Familiar with project management principles and tools for coordinating tasks, schedules, and resources in scientific and administrative settings.
- Research Support Tools: Familiarity with research management tools and software to assist scientific projects and experiments
- Created interactive dashboard to track and analyze data using Power BI.

Gaskon Engineers, Delhi

(From 1st Jan 2019 – 12th June 2024)

Job Title: Associate Database Manager

Responsibilities:

- Maintaining Project Documentation & Database for various ongoing projects along with maintaining status of the project across the phase of project execution using various Databases.
- Created interactive dashboard to track and analyze data using Power BI. Used complex parameters to drill down in worksheet and customization using filters and slicers. Created connections, join new tables, calculations to manipulate data and enable user driven parameters for visualizations. Used different types of customized visualization (bar chart, pie chart, donut chart, clustered bar chart, scatter chart, line chart, area chart, map, slicers, etc.)
- With expertise in DAX, data modeling, dashboard creation, and report automation. Strong background in ETL processes, SQL, and data visualization to transform raw data into actionable insights. Proficient in Power Query, Row-Level Security (RLS), and performance optimization for large datasets.

- Led website project using third party. Involving design requirement finalization, testing and validation of website.
- Manual testing for oxygen plant (PVSA) configuration study to get desired output for various capacity requirement.

Various projects worked on:

- Oxygen plants for PMCARE program (PVSA technology) to various states.
- Gas cleaning unit to IOT Biogas Pvt. ltd, Namakkal.
- Industrial Nitrogen gas plant for pharmaceutical, steel and for food industries.
- Ammonia cracker unit.

Promarc Software Pvt. Ltd, Nagpur

(From 5th Oct 2018 – 15th Dec 2018)

Job Title: Software developer

Responsibilities:

- Design and coding software for various college related task.
- Maintaining record and data for various colleges under RTMNU.

WEBTAKERSIT, Faridabad

(From 5th June 2017 – 20th July 2018)

Job Title: Trainee Web developer

Responsibilities:

- Support in design and develop new web site for lucrative material handling industries and in developing and deploying new features in existing product.
- Performing daily coding activity.

Central Institute of Cotton Research, Nagpur **(From 14th Oct 2013 – 30th June 2014)**

Job Title: Project Assistant

Responsibilities:

- Price optimization and revenue management in SAS (Statistical analysis software).
- Data analysis for impact evaluation of BT cotton research project occurring in various district in Maharashtra.

Education:

- Master of Science: Computer Science -2011 from Dr. Ambedkar College, Nagpur
- Bachelor of Science: Computer Science -2009 from Dr. Ambedkar College, Nagpur

Certifications:

- Core and Advanced Java from govt. polytechnic Nagpur
- MS-Office

Projects/participation (Extra-curricular):

- Worked on Project name as Automobile Sales and Information System Front End: VB.NET Back End: MS-Access

- Workshop on Electrical Gadgets Maintenance & Repair jointly organized by Dept. of Physics (Dr. Ambedkar College, Nagpur) & I.T.I, Nagpur.
- Participated in Pracharya Arunrao Kalode Smriti Hindi Essay Competition.
- Certificate of Appreciation for contributions to the "Farmer Technology School" at "Krishi Vasant 2014," CICR, Nagpur
- The Times of India Crossword Contest Winner, July 2023.
- Multiple article's being published in Hitavada Newspaper in the year 2024 and 2025.
- Poem Published in the Hitavada Youth Zone in the year 2025.
- Participated in skill training program on Development of Capacity on Climate Change in Water Sector in that topic Covered with GIS & remote sensing organized by NEERI – 2024.
- Completed a two-day workshop on AI Dashboards using Microsoft Power BI, conducted by Jatan Shah, gaining hands-on experience in data visualization and business intelligence.

Publications:

- 📖 Author of the eBook titled “**The Symphony of the Rainforest: Exploring the Harmonious Sounds of Nature (2025)**” Self-published on **Amazon Kindle**.
 - A nonfiction work exploring rainforest ecology, conservation, and environmental storytelling
 - Researched, authored, edited, and published independently
 - Available on Amazon Kindle: ➡ <https://amzn.in/d/2tcSHH7>

➡ **GitHub Profile:** <https://github.com/TechPriyankaSS>

Highlights:

- Software Development
- Data Analysis
- Database Management
- Technical Support & Troubleshooting
- Process Improvement & Optimization
- Team Management
- Client Relationship Management
- Resource Optimization
- Documentation & Reporting

Personal profile:

- Nationality: Indian
- Date of birth: 09 May 1988
- Marital Status: Unmarried
- Language: English, Hindi, Marathi
- Address (Hometown): Nagpur, Maharashtra