

DISHABEN PATEL

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PROFESSIONAL SUMMARY

- Strong foundation in **backend development** with PHP and MySQL, applying technical expertise to optimize systems and enhance performance by up to **25%**.
- Proficient in **SQL, Excel, Python (Pandas, NumPy)**, and **Tableau**, using data cleaning and visualization techniques to uncover insights that boosted efficiency and informed decision-making.
- Currently gaining hands-on experience as a **Data Analyst Intern** and **Data Analytics Fellow**, contributing to projects that improved data accuracy by **30%** and reduced processing time by **40%**.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, PHP, Java, JavaScript, R, C, C++
- **Data Analysis & Visualization:** Excel (Advanced), Power BI, Tableau, Looker Studio
- **API & Integration:** RESTful APIs, Data Pipelines, ETL Processes
- **Database Management:** MySQL, SQL, Squirrel Software, Data Cleansing & Transformation
- **Data Reporting & Quality Assurance:** Data Validation, KPI Tracking, Dashboard Development
- **Development Methodologies:** Agile (Scrum)
- **Soft Skills:** Communication, Relationship Management, Problem-Solving, Analytical Thinking, Time Management & Organization

EXPERIENCE

Tech Mehrotra InfoSolutions | Data Analyst Intern | Remote

April 2025 – Present

- Optimize data infrastructure and automate reporting workflows, resulting in a **20% improvement in data processing speed** and a **40% reduction in system downtime** by collaborating with cross-functional IT teams.
- Contribute to AI-based predictive model development and leverage data visualization tools to deliver monthly performance insights, driving consistent **quarter-over-quarter improvements**.
- **Tech Stack:** R, SQL, Python, Excel, Tableau, PowerBI.

Correlation One | Data Analytics Training Program | Remote

Jan 2025 – Present

- Participate in a 24-week data analytics training program, applying Excel, SQL, and Python to clean, analyze, and visualize real-world datasets—**achieving a 30% reduction in data duplication**, a **15% increase in data integration**, and a **20% improvement in data modelling** through data-driven insights.
- Design interactive Tableau dashboards and perform advanced statistical analyses, including linear regression and large-scale SQL querying, to optimize workflows and support strategic business decisions, resulting in a 40% reduction in data preparation time.
- **Tech Stack:** Excel, SQLite, Python (Pandas, NumPy), Tableau, Looker Studio.

Amazon | ICQA Associate | Ottawa, ON, Canada

Oct 2023 – Present

- **Maintain high inventory accuracy (99%)** by executing cycle counts, physical audits, and root cause analyses while collaborating cross-functionally to streamline operations and resolve inventory-related issues.
- Leverage predictive analytics and RFID technology to optimize inventory planning and turnover, resulting in a **25% increase in inventory turnover** and a **15% reduction in stock discrepancies**.

Sahajanand Medical Technologies | Back-End Developer | Surat, India

Oct 2021 – May 2023

- **Contributed to the end-to-end development of the Distributor Management System (DMS)** using PHP (Smarty), MySQL, and PhpMyAdmin, by implementing key features such as user access control and login credential management. Resolved critical security vulnerabilities, reducing unauthorized access attempts and enhancing overall system security.
- **Optimized backend performance through query tuning, debugging, and process enhancements**, resulting in a **10% reduction in processing time** and a **25% improvement in system speed**. Maintained comprehensive technical documentation and followed Agile methodologies to support future development and troubleshooting.
- **Tech Stack:** PHP (Smarty), MySQL, PhpMyAdmin, Squirrel Software, Git, Agile Methodologies, Security Best Practices.

Unistar Softech Private Ltd. | Software Trainee | Bardoli, India

April 2019 – April 2020

- **Worked on all phases of the software development lifecycle (SDLC)**, contributing to the design, development, testing, and deployment of web-based applications, ensuring seamless functionality and user experience.
- **Collaborated with team members to design and implement new web pages**, improving user experience and producing comprehensive documentation, including flowcharts, layouts, and system requirements to guide future development and enhance coding protocols.
- **Tech Stack:** HTML, CSS, JavaScript, PHP, Git, SDLC

EDUCATION

Gujarat Technological University, Master of Computer Application

June 2020 - Feb 2023

- Coursework: Python, Machine Learning, Design and analysis of algorithm, Computer Graphics, E-commerce, cyber security, Statistical Methods, Software Engineering-I&II, RDBMS.
- Graduated with 3.4 GPA

Veer Narmad South Gujarat University, Bachelor of Computer Application

June 2017 - Feb 2020

- Coursework: C, C++, DBMS, Object Oriented Programming, PHP, Java, Unix, Operating System-I&II, ASP.Net, Mathematics, Data Structure, Computer Networking.
- Graduated with 2.4 GPA

CERTIFICATIONS

Data Analytics Training Program, Correlation One

July 2025

- Python, SQLite, Tableau, Looker Studio, Excel

Career Bridge Program, Training Hub (Mississauga, ON)

Dec 2024

- SQL Server, Python, Excel

PROJECTS

Alternative Fuel Vehicles (AFV) Market Analysis – US & Washington State

March 2025

- Analyzed EV sales trends, energy efficiency, and geographical distribution, identifying a 25% increase in EV adoption over time using data from the US Department of Energy and Washington State Department of Licensing.
- Optimized data processing using Excel, improving analysis efficiency by 40%, leading to data-driven policy recommendations on clean transportation.

Distributors Management System

Oct 2021 – May 2023

- Worked on a web-based application using PHP (Smarty), Java, JavaScript, SQL, and Ajax, improving system efficiency by 30%.
- Optimized database performance with Squirrel software, reducing query execution time by 40%, and implemented agile methodologies for faster feature deployment.

Online Learning System

April 2019 – April 2020

Bardoli, India

- Developed a web-based learning platform using C, C++, PHP, MySQL, and PhpMyAdmin, increasing course accessibility by 50% through features like video lectures, live chats, and progress tracking.
- Optimized database performance with MySQL, improving query efficiency by 35%, and enhanced user experience with a responsive HTML, CSS, JavaScript, and Bootstrap frontend.