DISHABEN PATEL

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PROFESSIONAL SUMMARY

- **Data-driven Analyst and IT Coordinator** with 2.5+ years of experience at Amazon Fulfillment and tech environments, specializing in inventory control, process optimization, and operational analytics.
- Expertise in **SQL, Python, Excel, Tableau, and Looker Studio** for data collection, reporting automation, and defect root cause analysis to improve operational efficiency.
- Strong background in **inventory control, quality assurance, and process improvement**, ensuring accurate reporting.
- Proven track record of collaborating with **Inbound, Outbound, and ICQA teams** to enhance compliance, drive continuous improvement, and maintain high data integrity standards.

TECHNICAL SKILLS

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

EXPERIENCE

IT Equipment Coordinator | Amazon | Ottawa, ON, Canada　　　　　　　　**Oct 2023 – Present**
- Manage and track IT assets, including allocation, repairs (RMA), and audits, ensuring 99%+ inventory accuracy and minimal downtime.
- Support IT Technicians with hardware setup, configuration, and troubleshooting of end-user devices and network peripherals.
- Coordinate equipment procurement, delivery, and storage organization to maintain smooth IT operations across the fulfillment center.

Data Analyst Intern |Tech Mehrotra InfoSolutions | Remote　　　　　　**April 2025 – August 2025**
- Optimized data infrastructure and automated reporting workflows, resulting in a 20% improvement in data processing speed and a 40% reduction in system downtime through collaboration with cross-functional IT teams.
- Contributed to AI-based predictive model development and leveraged data visualization tools to deliver monthly performance insights, driving consistent quarter-over-quarter improvements.
- **Tech Stack:** Google Sheets, SQL, Python, Excel, Tableau, PowerBI.

Data Analytics Fellow | Correlation One | Remote　　　　　　　　　　**Jan 2025 – July 2025**
- Participated in 24-week data analytics training program, applying Excel, SQL, and Python to clean, analyze, and visualize real-world datasets—achieved a 30% reduction in data duplication, a 15% increase in data integration, and a 20% improvement in data modelling through data-driven insights.
- Designed interactive Tableau dashboards and performed 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.

Back-End Developer | Sahajanand Medical Technologies | 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, MS Power Point, Google Slides.

EDUCATION

Master of Computer Application, Gujarat Technological University   **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

Bachelor of Computer Application, Veer Narmad South Gujarat University,   **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

AI, ML and Data Science Salary Trend   **July 2025**
- Utilized **Python (Pandas, Seaborn, Matplotlib)** for data cleaning, wrangling, and exploratory data analysis (EDA) on 88K+ AI/ML/Data Science salary records (2020–2025).
- Built and deployed an **interactive Tableau dashboard** with live filters, KPIs, and geographic visuals to communicate salary trends effectively.
- Applied **data storytelling & visualization techniques** (datafolio poster, scorecards, trend analysis) to translate insights into actionable outcomes for stakeholders.

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**
          Surat, India
- 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.