VIDHI CHAPLA

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EDUCATION

CONESTOGA COLLEGE	**January 2022 - October 2023**
IT Business Analysis	*Guelph, Canada*

SMT. TANUBEN & DR. MANUBHAI TRIVEDI CLG. OF INFO. SCIENCE	**August 2015 – December 2019**
Bachelor of Computer Applications (BCA)	*Surat, India*

TECHNICAL SKILLS

PROGRAMMING:	Java, JavaScript, Python, PHP, C++, ASP.NET
WEB & MOBILE DEVELOPMENT:	HTML, CSS, Bootstrap, jQuery, AJAX, React.js, Angular, Flutter
DATABASES:	MySQL, SQL Server, Firebase
DATA & ANALYSIS TOOLS:	Microsoft Excel (Pivot Tables, VLOOKUP, Charts), Google Sheets, Power BI, Tableau, Visio, SQL
FRAMEWORKS & APIS:	RESTful APIs, API Integration, Web Security
DEVELOPER TOOLS:	Git, GitHub, Microsoft Office, VS Code
CONCEPTS & METHODOLOGIES:	Agile (Scrum), Object-Oriented Programming (OOP), Software Development Lifecycle (SDLC), Cross-Functional Collaboration, Problem Solving
OTHER SKILLS:	High attention to detail, Analytical thinking, Effective communication

PROFESSIONAL EXPERIENCE

DEBRISE	**April 2021 - March 2022**
*Business Analysis Consultant	Power BI, Tableau, Excel, Visio*	*Surat, India*

- Developed interactive dashboards and automated data visualizations using **Power BI, Tableau,** and **Excel**, delivering actionable insights for the sales team.
- Cleaned and preprocessed large datasets using **Tableau** Prep and advanced Excel formulas **(VLOOKUP, pivot tables)**, enhancing data accuracy and analysis efficiency.
- Conducted business process mapping and created custom sales reports, improving team decision-making and organizational workflow.
- Performed competitor analysis and process optimization using **Visio** and **Excel**, identifying key areas for cost reduction and efficiency improvement.

MAHEE ENTERPRISE	**March 2019 - June 2019**
*Software Developer	Java, PHP, MySQL, Spring Boot, ASP.NET*	*Surat, India*

- Designed and implemented a custom inventory management system using **Java, PHP,** and **MySQL,** and reduced data entry errors by 40%.
- Built **RESTful APIs** to integrate the front-end **(HTML, CSS, Bootstrap, JavaScript)** with the **PHP** & **MySQL** back-end for seamless data flow.
- Developed **C++ modules** for automated inventory tracking, ensuring real-time stock updates and operational accuracy.
- Implemented access control using the **ASP.NET** Identity Framework.

PROJECTS

TRASH HUB VENTURES   **January 2024 - April 2024**
Tools utilized: MySQL, Power BI, Tableau

- Developed **SQL** based data pipelines for waste management analytics, improving reporting accuracy and operational efficiency.
- Built interactive **Power BI** dashboards for real-time tracking of waste collection and recycling metrics.
- Automated data cleaning and transformation workflows using **Tableau**, reducing analysis time by 30%.
- Conducted business requirement analysis and collaborated with stakeholders to align technical deliverables with organizational goals.

DIGITAL ACADEMY WEBSITE   **January 2022 - April 2022**
Tools utilized: HTML, CSS, JavaScript, PHP, MySQL

- Developed a centralized web-based learning platform for student registration, course management, and academic performance tracking.
- Designed a responsive user interface using **HTML, CSS,** and **JavaScript** to ensure accessibility across devices.
- Built dynamic back-end functionalities with **PHP** and **MySQL** for managing courses, instructors, and student data.
- Implemented role-based access control for administrators, instructors, and students to ensure secure data handling.
- Conducted testing and optimization to enhance system speed, data accuracy, and overall user experience.

BLOOD BANK MANAGEMENT SYSTEM   **September 2021 - October 2021**
Tools utilized: HTML, CSS, JavaScript, PHP, MySQL, AJAX

- Developed a web-based system to manage donor registration, blood inventory, and hospital blood requests efficiently.
- Designed a user-friendly interface using **HTML, CSS,** and **JavaScript** for easy navigation and data entry.
- Implemented back-end logic with **PHP** and **MySQL** to automate donor–hospital matching and inventory updates.
- Applied role-based access control to ensure secure management for admins, donors, and hospital users.
- Optimized database queries and applied **AJAX** for real-time data updates without page reloads.

GIFT SHOP E-COMMERCE WEBSITE   **September 2021 - October 2021**
Tools utilized: ASP.NET, Entity Framework (EF), AJAX, HTML, CSS, Bootstrap

- Developed a dynamic **ASP.NET** based e-commerce platform for product browsing, ordering, and secure online payments.
- Implemented key features, including shopping cart, product filtering, and order management, to enhance user convenience.
- Utilized **Entity Framework (EF)** for efficient data access and management of product and user records.
- Integrated **AJAX** for smooth, real-time interactions and a more responsive user experience.
- Designed a clean and responsive front-end using **HTML, CSS,** and **Bootstrap** to ensure cross-device compatibility.