

# Dimple Vyas

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## EDUCATION

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| <b>Master of Science, Information Technology and Management</b><br>University of Texas at Dallas  | Jan 2023 – May 2024<br>Dallas, TX    |
| <b>Bachelor of Engineering, Computer Engineering</b><br>Rajiv Gandhi Proudlyogiki Vishwavidyalaya | Jul 2012 – May 2015<br>Bhopal, India |
| <b>Diploma, Computer Science and Engineering</b><br>Rajiv Gandhi Proudlyogiki Vishwavidyalaya     | Jul 2009 – May 2012<br>Bhopal, India |

## TECHNICAL SKILLS

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**Skills** : Software Design, Software Development, Object Oriented Programming, Data Structures and Algorithms, Database Management, Cloud Computing, Agile Methodologies, Scrum, Software Development Life Cycle, Python.

**Tools** : C#, Python, Java, NodeJS, SQL, Postgres, S/4HANA, R, MongoDB, HTML, CSS, JavaScript, SAP ABAP, SAP BTP, SAP HANA, RStudio, Tableau, PowerBI, SAP CPI, S3, EC2, RDS, Git, GitHub, Jenkins, Linux.

## EXPERIENCE

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| <b>University of Texas at Dallas</b><br>Software Developer  | Apr 2023 – Present<br>Richardson, TX |
| <ul style="list-style-type: none"><li>Designed five dashboards for enrollment data analysis and student internship rate, propelling a 20% increase in enrollment efficiency.</li><li>Orchestrated the creation of a streamlined SharePoint Intranet for the engineering department, connecting with all departments to centralize document management.</li><li>Implemented issue tracking system for the advising department, optimizing workflow efficiency and achieving a remarkable 20% reduction in turnaround time.</li></ul> |                                      |

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| <b>Accenture</b><br>Senior Software Engineer   | Jan 2019 – Jan 2023<br>Montreal, Canada |
| <ul style="list-style-type: none"><li>Enabled multi-cloud support in the Master Data Integration(MDI) system using SAP CAPM and SAP BTP reducing operational costs by 30%.</li><li>Developed and managed UPIL, an ISU Billing Product, leveraging S/4HANA and SAP Hybris to assist 12 companies by automating the translation of products from an external tool into SAP S/4HANA.</li><li>Effectively orchestrated the replication of power bills, automating invoice generation through the development of 7 SOAP APIs, resulting in a 15% reduction in billing errors.</li></ul> |   |

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| <b>Accenture</b><br>Software Engineer   | Jan 2016 – Dec 2018<br>Pune, India |
| <ul style="list-style-type: none"><li>Spearheaded the development of customer contact replication, boosting workflow speed by 20%, and enhanced address details in SAP Cloud for Customer, driving a 15% rise in user satisfaction.</li><li>Programmed a system to extract CRM data into spreadsheets by employing efficient SQL queries for seamless integration with the Salesforce platform.</li><li>Engineered REST APIs to identify and triage troubleshooting smart meter by creating service order case.</li></ul> |                                    |

## PROJECTS

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| <b>A marketing platform for fitness trainers</b>   AWS EC2, JavaScript, HTML, CSS   |
| <ul style="list-style-type: none"><li>Contributed to a fitness scheduling platform with a 4-member team, developing and launching the website on an EC2 instance, while adhering to Agile Methodologies throughout the SDLC.</li></ul>                        |
| <b>Visualization of COVID-19 fatality data for New York state</b>   Tableau, Excel  |
| <ul style="list-style-type: none"><li>Cleaned COVID-19 fatality data for New York State, ensuring accuracy, and developed 5 interactive dashboards with geo maps, bar charts, and animations to visualize pandemic trends by age, race, and county.</li></ul> |
| <b>Risk Analysis to identify dangerous truck drivers</b>   R, HDFS, Impala, Hadoop Pig  |
| <ul style="list-style-type: none"><li>Led comprehensive big data analysis of 80k truck fleet accident records in the US, uncovering outlier detection and identifying accident-prone vehicles, informing preemptive risk management strategies.</li></ul>     |

## CERTIFICATION AND ACHIEVEMENTS

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**Certifications** : AWS Cloud Practitioner, Alteryx Foundation Micro-Credential, Databricks Generative AI Fundamental.