

Prathamesh Dharmendra Bhavsar

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Summary

I am a Software Development Engineer pursuing a Master's in Computer Engineering, with 3+ years of experience developing and automating solutions across platforms like Salesforce, SQL, and SAP. Skilled in Python, UiPath, and Machine Learning, I have led RPA projects and conducted data analysis to drive efficiency and insights. Currently, I am expanding my expertise in Machine Learning and Data Engineering, staying up to date with the latest advancements to develop impactful and scalable solutions.

Skills and Certifications

- **Programming & Databases** - Python, SQL, Java, C++, JavaScript, PostgreSQL, MongoDB, Redis, Kafka
- **Technology & Tools** - ReactJS, AngularJS, Spring Boot, Hibernate, Docker, Kubernetes, Git, Microsoft Visual Studio Code
- **Soft Skills** - Collaboration, Communication, Problem-Solving, Quick Learning
- **Certificates** - Java - IIT Bombay, MySQL - IIT Bombay, Python Programming - Government of India.

Experience

Software Development Engineer, EnelX Services Private Limited – Mumbai, India Jul 2021 – Aug 2024

- **Automated 30 business processes** in SAP, ServiceNow, and Salesforce, saving **138 hours/month** and improving efficiency.
- **Resolved 3 critical issues** in Utility Bill Management, reducing duplicate bills from **12% to 3%**, saving **70 hours/month**.
- **Developed 25-30 APIs** and optimized SQL databases, ensuring seamless integration and delivering **stable outputs**.
- **Automated Excel and SharePoint** tasks using UiPath, saving **20 hours/month** and enhancing workflows.
- **Automated MongoDB database** for seamless report generation, improving data retrieval speed and saving **15 hours/month**.
- **Led Utility Bill Management project** for the RPA team, resolving major issues, stabilizing the project, and enhancing reliability.

Web Development Intern, Sahu Technologies – Mumbai, India Jun 2018 – Jul 2019

- **Learned Entity Framework** and applied it in 3 projects, improving app performance by **30%** and saving **40 hours**.
- **Developed and optimized 10-15 REST APIs** using **Java and SQL**, reducing response times from **200ms to 120ms**.
- **Contributed to 3 projects** using Agile (Scrum/Kanban), enabling **25% faster delivery** through better workflows.
- **Implemented UI changes** for web development projects, improving user experience and interface functionality.
- **Gained hands-on experience in Agile methodologies**, contributing to project delivery with a **25% faster turnaround**.

Education

University of Texas at Dallas, MS in Computer Engineering Aug 2024 – May 2026

University of Mumbai, Bachelor of Engineering in Information Technology Jul 2017 – Jun 2021

Projects

Uber Data Analytics - Data Engineering Project (GCP, Apache Airflow, BigQuery, Tableau)

- **Built a robust end-to-end ETL pipeline** on **GCP** using **Apache Airflow** and **BigQuery** for scalable data processing.
- **Automated daily data ingestion and transformation** with **Airflow DAGs**, improving workflow efficiency by **40%**.
- **Analyzed Uber ride data trends** to identify **peak hours and demand patterns**, optimizing fleet allocation by **25%**.
- **Developed dynamic Tableau dashboards** for visualizing ride trends and fare distribution, enabling **real-time decision-making**.

Movie Recommendation Search Engine (Apache Spark, Databricks, MLlib)

- **Built a scalable movie recommendation system** using **Apache Spark on Databricks**.
- **Implemented Spark MLlib's ALS algorithm** for personalized recommendations, optimizing performance for large datasets.
- **Used SparkSQL and Delta Lake** for structured storage and query execution, improving data retrieval speed by **50%**.
- **Developed interactive Databricks notebooks** to streamline implementation and enhance workflow efficiency.

Canteen Management Application with Intelligent Feedback System (Android Studio, NoSQL, NLP)

- **Developed an Android app** for canteen management, serving 50-100 users and improving engagement in the canteen.
- **Used K-Means and Naive Bayes** to analyze reviews, boosting feedback accuracy by 25% and user satisfaction.
- **Applied sentiment analysis** for NLP, enhancing feedback categorization by 30% and providing more actionable insights.
- **Published Research Paper** - *Canteen Management Application with Intelligent Feedback System* – **JETIR** – May 10, 2021.