

# Yashkumar Chandwani

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[github.com/yashc1712](https://github.com/yashc1712)

## Education

### University of Texas, Arlington

*Master of Science in Computer Science*

**January 2023 – December 2024**

*Arlington, Texas, USA*

### Gujarat Technological University

*Bachelor of Science in Information Technology*

**June 2018 – June 2022**

*Ahmedabad, Gujarat, India*

## Relevant Coursework

- Data Structures
- Database Management
- Python
- Cloud Computing
- Web Data Management
- Artificial Intelligence
- Computer Architecture
- Data Mining
- Algorithms Analysis
- Machine Learning
- Software Engineering
- Computer Vision

## Technical Skills

**Languages:** Python, HTML, CSS, Javascript, PHP, SQL, React JS, Vue JS

**Libraries/Framework:** VS Code, TensorFlow, scikit-learn, Laravel, Pandas, Codeigniter, Tableau, Seaborn, Power BI

**Data Analysis:** Exploratory Data Analysis (EDA), Data preprocessing, Data Visualization, Feature Engineering

**Algorithms:** Decision Trees, Random Forest, Neural Networks, NLP, SVM, Regression Analysis

## Experience

### Data Science Intern

**February 2024 – April 2024**

*Boston Consulting Group(BCG X)*

*Remote, USA*

- Analyzed customer data to predict churn behavior using machine learning algorithms.
- Developed models to identify key factors influencing churn and improve retention strategies.
- Collaborated with cross-functional teams to implement data-driven solutions for reducing churn rates and presented insights and recommendations to stakeholders to support decision-making processes.

### Machine Learning and Data Analysis Engineer

**January 2022 – December 2022**

*Prolitus*

*Delhi, India*

- Gained experience on analytics software and data programming languages, including Python, SQL, Excel, and Tableau, with the ability to effectively utilize these tools to extract insights from complex datasets.
- Collaborated with cross-functional teams to analyze and develop data for strategic projects, contributing to decision-making processes and business growth initiatives.
- Assisted data scientists in various projects, including forecasting, model tuning, and dashboarding, utilizing analytics tools to support data-driven insights and developed forecasting model that improved it's accuracy leading to more informed decision-making and resource allocation.

### Software Developer(Full Stack)

**January 2021 – December 2021**

*Invinnico*

*Gujarat, India*

- Worked on various aspects of web development, including front-end and backend tasks.
- Gained hands-on experience in HTML, CSS, JavaScript, PHP, ReactJS, VueJS, MongoDB and MySQL.
- Contributed to the optimization of web applications for improved performance.
- Implemented robust security measures, including input validation, authentication and encryption, to protect against potential threats.

## Projects

### Customer Segmentation Analysis (April 2023) | *Python, scikit-learn, SQL, NumPy, Pandas, Tableau, Time series analysis*

- Used Python and SQL to analyze customer transaction data, including purchase history and demographic information.
- Developed clustering algorithms for customer segmentation based on RFM (Recency, Frequency, Monetary) analysis.
- Create visualizations and dashboards in Tableau to communicate segmentation insights and track key metrics.

### Chatbot (February 2023) | *Python, natural language processing (NLP), TensorFlow, chatbot frameworks and RESTful APIs.*

- Collaborated on the development of an intelligent chatbot designed to provide personalized recommendations and answer user queries in real time which enhanced user engagement and streamlined customer interactions.

### Cookitchef Website (January 2022) | *Laravel, PHP, HTML, CSS, React.js, JavaScript, jQuery*

- Led the end-to-end development of the Cookitchef website, a culinary platform designed for recipe sharing, ordering personalized food, hiring chef and cooking enthusiasts.
- Aimed to create an inclusive space for individuals passionate about cooking, providing them with a user-friendly platform to share and explore culinary creations.

## Certifications

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Certified in Machine Learning with AWS through AWS Skill Builder, December 2023

Certified in NLP in Machine Learning through LinkedIn Learning, August 2023

Certified in Google Data Analytics Professional Certificate through Google, September 2022