

Tyagesh Parmar

AI | Data Science & Machine Learning Enthusiast

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PROFESSIONAL SUMMARY

AI and Data Science professional with a solid foundation in developing and deploying machine learning models, advanced data analytics, and AI-driven solutions to solve complex business challenges. Experienced in applying predictive modeling, statistical analysis, and machine learning algorithms to enhance business intelligence and decision-making processes. Skilled in integrating AI solutions into business workflows to optimize operations and drive innovation. Eager to leverage expertise in data science, deep learning, and AI technologies to contribute to cutting-edge projects and advancements in the IT and AI fields.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **AI & Data Science:** Machine Learning, Deep Learning, Data Analysis, Data Visualization, Predictive Modeling, Computer Vision, Natural language processing
- **Tools & Technologies:** Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau, MS Word, MS Excel, SAP B1, SAP Crystal Reports
- **Operating Systems:** Windows

PROFESSIONAL EXPERIENCE

Rubixe - AI Solutions Company – Ahmedabad, Gujarat

Full-time · Present Ahmedabad, Gujarat, India (Remote)

Artificial Intelligence Engineer Intern

March 2025 – Present

- Developed AI-driven solutions using computer vision and natural language processing (NLP).
- Built and fine-tuned deep learning models for image recognition and text analysis.

- Researched and implemented state-of-the-art AI methodologies to improve system accuracy.
- Collaborated with cross-functional teams to integrate AI models into real-world applications.

Data Scientist Intern

October 2024 – Present

- Designed and deployed machine learning models for predictive analytics and data-driven decision-making.
- Utilized Tableau and other visualization tools to present insights from complex datasets.
- Optimized existing ML algorithms to improve efficiency, accuracy, and scalability.
- Conducted exploratory data analysis (EDA) and feature engineering to enhance model performance.

Synobiz – Ahmedabad, Gujarat

Full-time · 1 yrs Ahmedabad, Gujarat, India On-site

Junior SAP Technical Supporter

May 2023 – Nov 2023

- Provided SAP technical support by troubleshooting issues and ensuring smooth system operations.
- Installed and configured SAP add-ons, enhancing software functionality for business processes.
- Utilized SQL and Crystal Reports to generate insightful reports and improve decision-making.
- Assisted in the optimization of SAP applications, ensuring efficient performance.

Internship Trainee (SAP Products)

Dec 2022 – May 2023

- Gained hands-on experience with SAP Products, learning about system configurations and implementations.
- Assisted in SAP add-on installations and basic troubleshooting to support business operations.
- Worked alongside senior professionals to enhance understanding of enterprise resource planning (ERP) systems

Arvind Advanced Materials – Ahmedabad, Gujarat

Full-time · 2 yrs Ahmedabad, Gujarat, India On-site

Junior Merchandiser

Feb 2022 – Dec 2022

- Managed and coordinated textile product merchandising processes, ensuring timely deliveries.
- Collaborated with vendors and suppliers to optimize supply chain efficiency.
- Maintained quality control standards, ensuring that products met company and industry specifications.

Computer Operator and Programming Assistant

Dec 2020 – Feb 2022

- Assisted in computer operations and data entry for textile industry applications.
- Supported the programming and maintenance of software tools used in textile manufacturing.
- Ensured accurate documentation and reporting of production data.

EDUCATION

Diploma in Information Technology

*Government Polytechnic, Gandhinagar – Gandhinagar, India
completed Year: 2022*

High School

*Shakti Vidyalaya – Ahmedabad, Gujarat, India
completed Year: 2017*

CERTIFICATIONS

- **Artificial Intelligence Engineer** – DATAMITES, NASSCOM, IABAC
 - **Certified Data Scientist** – DATAMITES, NASSCOM, IABAC
 - **Career Essentials in Data Analysis by Microsoft and LinkedIn**
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PROJECTS

Portuguese Bank Marketing Project

- Built a predictive model using machine learning algorithms to forecast the likelihood of a customer subscribing to a bank product based on historical marketing data.
- Applied classification techniques to optimize marketing strategies and improve campaign success rates.

Heart Disease Prediction

- Developed a machine learning model to predict the likelihood of heart disease based on medical data.
- Achieved high accuracy in identifying at-risk patients, providing actionable insights for early intervention and treatment.

Texas Employee Salary Prediction

- Designed a regression model to predict employee salaries based on factors such as experience, education, and job role.
- Delivered insights that helped organizations set competitive salary structures.

Detecting the Type of Skin Disorder

- Built a machine learning model to classify and predict various types of skin disorders.
- Applied classification algorithms and diagnosis.

No-Churn Telecom (Client/Live Project)

- Worked on a predictive model for customer retention in the telecom industry, identifying factors that contributed to customer churn.
- Recommended strategies to reduce attrition, improving customer loyalty and retention rates.

Employee Performance Prediction

- This project aims to predict employee performance ratings at INX Future Inc. using machine learning and deep learning models. The dataset includes various features such as work experience, job satisfaction, training history, and work-life balance to analyze and improve employee performance.

Global Weather Trend Forecasting

- This project analyzes and forecasts global weather trends using the Global Weather Repository dataset from Kaggle. The goal is to apply both basic and advanced data science techniques to predict future temperature patterns and extract meaningful insights from the data.
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LANGUAGES

- English
- Hindi
- Gujarati

ADDITIONAL INFORMATION

- Strong analytical and problem-solving skills.
- Passionate about AI-driven innovations and automation.
- Open to collaboration and continuous learning opportunities