Kirtirajsinh Parmar

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🪪 PROFILE

Final-year **Computer Science Engineering student** with strong hands-on experience in **MERN stack development**, **data analytics**, and **data science**. Proficient in building full-stack web applications, developing data-driven dashboards, and implementing end-to-end ML pipelines. Highly adaptable team player with strong problem-solving and communication skills. Actively seeking **entry-level roles** in **Full Stack Development**, **Data Analysis**, **Data Science** or **AI/ML**, where I can apply technical skills to solve real-world business challenges.

🧠 SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL

Databases & Querying: MongoDB, PostgreSQL, MySQL, Power Query, DAX

Web Technologies & Frameworks: HTML5, CSS3, React.js, Node.js, Express.js, Flask, Streamlit, Bootstrap, Tailwind CSS

Data Analytics & Data Science: Pandas, NumPy, Scikit-learn, TensorFlow, NLP, CNN, Computer Vision, Matplotlib, Seaborn, Power BI, Excel

Tools and Platforms : Git, VS Code, Postman, PyCharm, Jupyter Notebook, GitHub, Kaggle

Soft Skills: Problem Solving, Public Speaking, Team Work, Leadership, Project Management, Presentation, Active Learner

📁 PROJECTS

Smart Resume Analyser 🔗   Jul 2025 – Present
- Tech Stack - Python, Flask, Scikit-learn, Natural Language Processing (NLP), HTML/CSS, JavaScript, Bootstrap.
- Developed an AI-based resume screening tool using TF-IDF and cosine similarity, achieving **92+% matching accuracy** and reducing manual shortlisting time by **up to 75%**.
- Built a custom parser to extract name, email, and spaced-format phone numbers with **98+% field-level precision** from over **100+ test resumes** across .pdf, .docx, and .txt formats.
- Supported multi-format uploads and processed **10+ resumes in under 15 seconds**, increasing file compatibility and screening efficiency by **3×** in simulated HR use cases.
- Designed a responsive front end to display top 3 ranked candidates in a structured table with similarity scores, reducing recruiter workload by **~70%** during mock trials.

Bank Loan Report - Finance Domain Power BI Dashboard 🔗   Jun 2025 – Jul 2025
- Tech Stack - Power BI, Python, SQL, Excel, Power Query, DAX
- Designed an interactive Power BI dashboard to track over **38,000+ loan applications**, funded amounts, and monthly repayments, reducing manual reporting time by **50%**.
- Wrote optimized SQL queries and used advanced DAX functions to calculate KPIs such as **5.2% avg. interest rate**, **28% average DTI ratio**, and loan default segmentation.
- Integrated **monthly, MTD, and PMTD filters** across **12+ dynamic visuals**, enabling real-time trend comparison across timeframes and departments.
- Delivered actionable insights on repayment trends and defaults that helped stakeholders improve decision-making, contributing to a projected **15% risk reduction**.

HealWell – AI-Powered Healthcare Web App 🔗   Dec 2024 – Feb 2025
- Tech Stack : React.js, HTML, CSS, Bootstrap, Flask, TensorFlow, CNN, NLP, PostgreSQL
- Developed the frontend interface of entire website using React.js and Bootstrap to manage **2 role-based dashboards** (patients and doctors) with features like **real-time appointment booking**, consultation tracking, and doctor filtering.
- Built a multilingual chatbot using NLP to deliver **personalized skincare advice** across **3 languages**, improving user engagement by **40%** in testing sessions.
- Trained a CNN using TensorFlow on **10,000+ labeled skin images**, achieving **95+% classification accuracy** for early-stage skin cancer risk detection.
- Integrated Flask APIs with React views to present chatbot and diagnostic outputs, reducing response time by **60%** and ensuring **mobile-first accessibility**.

🎓 EDUCATION

Bachelor of Engineering in Computer Science & Technology   Nov 2022 – Present | Ahmedabad, India
LJ Institute of Engineering and Technology
- Sem III SPI : 8.50   - Sem IV SPI : 8.16   - Sem V SPI : 8.50

High School (XII Science - PCM)   Jun 2020 – May 2022 | Bharuch, India
The Aditya Birla Public School
-Academic Result : 87.4%   - Member of School Council - Head Boy(2021-22)

📇 CERTIFICATES

- IBM Data Science - Specialization 🔗
- Google Data Analytics - Specialization 🔗
- Google Project Management 🔗

🌐 LANGUAGES

English ● Hindi ● Gujarati