Pranjal Patel

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PROFILE SUMMARY

As a recent B.Tech graduate in Computer Science and Engineering, I'm poised to step into the tech industry with a blend of academic prowess and a genuine eagerness to learn and contribute. Despite being a fresher without professional experience, I approach opportunities with calm determination and a commitment to excellence. With a collaborative spirit, I thrive in team environments and value the input of others. My goal is to make meaningful contributions and grow both personally and professionally in a supportive and respectful workplace.

EDUCATION

Pandit Deendayal Energy University, Gujarat   **2025**
B. Tech in Computer Science & Engineering   CGPA: 8.72

Gujarat Technological University, Gujarat   **2022**
Diploma in Computer Engineering   CGPA: 9.46

The New Tulip International School, Gujarat   **2019**
Central Board of Secondary Education (CBSE)   Percentage: 85%

EXPERIENCE/INTERNSHIP

Internship :

- **Software Engineer Intern at QSpiders, Ahmedabad**   *June 2024-July 2024*
  Responsibilities and Achievements
  - *Participated in the Software Development Life Cycle (SDLC) phases, including requirement gathering, design, development, and testing.*
  - *Developed and maintained Java applications, enhancing performance and ensuring high code quality.*
  - *Utilized SQL in Oracle databases for data retrieval, manipulation, and analysis.*
  - *Collaborated with the web technology team to design and implement responsive web applications.*
  - *Conducted code reviews and participated in team meetings to discuss project progress and challenges.*

Technical Projects :

- **StoryTeller's Sanctuary(A Online Book Store Website)**   *Aug-Nov 2023*

  I developed StoryTeller's Sanctuary, an immersive online bookstore offering diverse literature across genres. This platform provides a digital oasis for book enthusiasts, making books easily accessible.
  - Technologies used : HTML, CSS, JavaScript, PHP, MySQL
  - Tools used   : Visual Studio Code, XAMPP Server, Notepad++

- **CV-Based Attendance System:**   *Aug-Nov 2023*

  I developed a robust CV-based attendance system to simplify tracking and prevent proxy attendance. This automated system addresses inefficiencies in manual methods, saving time and reducing inaccuracies.
  - Technologies used: Python, OpenCV, dlib, ML models, Flask, MySQL
  - Tools used: PyCharm, Notepad++, Git, GitHub

- **Spam Detection Using Custom Random Forest Classifier:** *Oct-Nov 2024*

  Built a spam detection model using a Random Forest classifier from scratch, without external libraries, leveraging TF-IDF vectorization for feature extraction. Evaluated model accuracy and performance using metrics like precision, recall, and F1-score by scratch.

  – Tools and Technologies used: Google Colab, Python, TF-IDF, Random Forest (from scratch), Decision Tree (from scratch)

- **Criminal Investigation Tracker with Suspect Prediction:** *Jan–May 2025*

  Designed and developed a secure web-based system to track criminal cases and predict likely suspects using machine learning models. Integrated evidence scoring, suspect profiling, and ML-based ranking to support investigation workflows.

  – Tools and Technologies used: Eclipse IDE, Apache Tomcat, MySQL Workbench, Google Colab, Java, JSP, Servlets, Python (Random Forest), MySQL, HTML, CSS

PERSONAL PROJECTS

- **E - Learning Website:** *March-April 2021*

  The purpose of 'E-Learning Website' is to provide an online learning platform during Covid-19. It has been developed to override the problems prevailing in the practicing manual system.

  – Technologies used: HTML, CSS, PHP, MySQL
  – Tools used: Visual Studio Code, XAMPP Server, Notepad++
  – *Moreover, it is designed for the need of the students to carry out studies in smooth and effective manner during the COVID pandemic.*

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C, C++, HTML, CSS, SQL, PHP, Java, Android, JavaScript, Python, Scala
Runtime Environment: Node.js, JRE, .NET (Basics)
Tools: Git, GitHub, Docker, Jira, Cisco Packet Tracer, Wireshark, Nmap
Frameworks: React.js, Flask and Django(Python), Express.js(Node.js), Pandas, NumPy, Apache Spark, Selenium
Cloud/Databases: AWS, MySQL, MongoDB, Oracle Database
Soft Skills: Problem Solving, Mentorship, Organization and Time Management, Flexible and Adaptable, Working under pressure, Teamwork, Emotional intelligence, Managing People, Organized, Active Listening, Presentation, Planning, Critical Thinking,
Areas of Interest: Cloud Computing, Big Data Technologies, Data Engineering, Data Analyst, DevOps, QA Testing, Full-Stack Development, Cyber Security, Digital Forensics, Cloud Security
Core Skills: Database Management, Operating System, Networking, Data Structures, Information Security
Operating Systems: Windows, Linux (Ubuntu, Fedora, Kali)

CERTIFICATES

NPTEL *Leadership & Team Effectiveness* *April 2024*

MICROSOFT *Career Essentials in Generative AI by Microsoft and LinkedIn* *June 2024*

TATA & MICROSOFT *Tata STRIVE and Microsoft Cyber Security Program* *January 2025*

MICROSOFT *Career Essentials in Cybersecurity by Microsoft and LinkedIn* *August 2025*

MASTERCARD *Cybersecurity Job Simulation* *August 2025*

DELOITTE *Cyber Job Simulation* *August 2025*

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