

Prashil Jatakiya

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Languages: English, Hindi, Gujarati(native)

Education

PES University (CGPA: 8.75)

September 2021- June 2025

Bachelor of Technology in Computer Science Engineering

Specialization in Machine Intelligence and Data Science (MIDS)

- **Recipient of MRD Scholarship - Awarded for ranking in the top 20% of students at PES University**
- **Received CNR Rao Scholarship at PES University- 5th Semester & 6th Semester**
- **Relevant Course works:** Operating Systems, Database Management, Data structures & algorithms, Graph Theory, Meta Learning & Graph Abstraction, Software Development & engineering, Data Analytics, Machine Intelligence

Skills

Programming Languages: Python, C++, Java, C

Libraries/Frameworks: OpenCV, Keras, TensorFlow, Scikit, Pandas, Numpy, Matplotlib, Seaborn

Databases: MySQL, neo4j

Software development: Microservices, Docker, Object-Oriented Programming (OOP)

Soft Skills: Problem Solving, Event Management, People Management, Leadership, Public Relations, Communications

Research & Publications

Accessible Legal Assistance through NLP:

Summarisation And Recommendation of Indian Legal Documentation with Kannada Translation

- System designed to offer a comprehensive legal guidance solution leveraging advanced natural language processing (NLP) techniques along with similar cases recommendation

Projects

1. IDebit Card | Python, OpenCV

[Link](#)

- Spearheaded the implementation of a system for 2,000+ students and employees to perform transactions using the bar code on the organizational ID cards increasing transaction efficiency by 30%.

2. Costume Rental Management System | Python, MySQL, PyMySQL

[Link](#)

- Created an intuitive database management system tailored for costume rental shops.
- Enhanced inventory accuracy by 50% and decreasing stock discrepancies by 30%, while saving staff 15 hours weekly.

3. Emotion-based-Music-recommendation-system | CNN, Python, OpenCV

[Link](#)

- Built a system using computer vision, deep learning, and knowledge graphs over a database of 1,000,000+ songs
- The system recommends music based on user emotions detected from facial features, giving personalised recommendations.

4. NLP Chatbot | Python, NLTK, HTML, CSS

[Link](#)

- Developed an advanced chatbot utilizing NLP techniques to intelligently understand and respond to human language with accuracy and empathy, enhancing conversational experiences.

Volunteering Experience

Maaya-Annual Techno Cultural Fest of PES University

September 2023 - August 2024

Head Of Events

- Led the ideation, planning & execution of 35+ events by heading a team of 130+ volunteers for a fest with 9,000+ attendees

The Entrepreneurship Club of PES University

September 2021 - January 2024

Head Of Startups

- Developed skills in public relations, leadership, team planning, people management, and event management by participating and organizing over 5+ major entrepreneurship events in college.
- Executed the biggest stock market event at PES University, attracting over 600 registrations.
- Engineered the start-up 'eachOne' which provides specialized mentoring and guidance for high school and college students.

Centre for Innovation and Entrepreneurship (CIE)

September 2023 - December 2023

Mentor

- Guided 4 teams through Level 1 with mentorship and support for the innovative & impactful projects along with keeping track on the progress over a span of 6 months.

Certifications

- Introduction to Data Science - : **Cisco**
- Supervised Machine Learning: Regression and Classification - : **Stanford Online**
- Process Data from Dirty to Clean - : **Google**
- Prepare Data for Exploration - : **Google**
- Analyze Data to Answer Questions - : **Google**
- Share Data Through the Art of Visualization - : **Google**

Honors And Awards

- Top 10 Teams at Kodikon 2.0 Hackathon: Secured a position among the top 10 out of 200 teams by presenting a prototype and business rationale.
- Ranked among the top 10 teams in Gutsy Entrepreneur 3.0 by presenting innovative, life-changing ideas and Pretotype.
- Winner of the Inter-Departmental Football Tournament at PES University.