Pratik Raj

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# Skills

* **Languages**: Java, C++, JavaScript, R, C, Python, HTML, CSS, SQL
* **Framework**: R Studio, Pandas, NumPy
* **Tools**: Power BI, Excel, Tableau, PowerPoint, MySQL
* **Other Skill**: Data Structures & Algorithms (DSA)
* **Soft Skills**: Problem-Solving Skills, Adaptability, Time Management

# Summer Training

**DSA Self-Paced by geeks for geeks** June 2024-july 2024

* completed the comprehensive DSA Self-Paced course by GeeksforGeeks, mastering core data structures and algorithms.
* Developed strong problem-solving and coding skills through rigorous hands-on exercises and real-world challenges.
* Demonstrated initiative and self-discipline by successfully managing a challenging, self-directed curriculum.

# Projects

**Food recipe and order website** Feb 2023- March 2023

* Built a web application to allow users to explore food recipes and place online orders efficiently.
* Developed a user-centric platform with features like recipe browsing, ingredient-based search, and food ordering.
* Delivered a responsive and functional website with smooth navigation, increasing user interaction and usability.
* Tech: HTML, CSS, JavaScript. [(Link)](https://github.com/pratik3219/food)

**Driver Drowsiness detection** Sep 2024 - Nov 2024

* Developed a system to detect driver drowsiness in real-time using computer vision techniques to enhance road safety.
* Implemented face and eye monitoring using a webcam and detected drowsiness through blink rate and eye closure duration.
* Successfully generated real-time alerts (sound/warning) to prevent accidents caused by driver fatigue.
* Tech: Python, OpenCV, Dlib and NumPy. [(Link)](https://github.com/pratik3219/Drowsiness-detection)

# Certificates

* Cloud Computing | [NPTEL](https://archive.nptel.ac.in/noc/B2C/candidate_login/candidate_scores.php?courseid=noc24-cs118) November 2024
* Become a Data Scientist | [LinkedIn](https://www.linkedin.com/learning/paths/become-a-data-scientist) February 2023
* Supervised Machine Learning | [Coursera](https://www.coursera.org/account/accomplishments/verify/SO60RPUKE970) October 2024
* Data Analysis with Tableau | [Coursera](https://www.coursera.org/account/accomplishments/verify/KZETT7EQPXIC) November 2024
* Generative AI with Large Language Models | [Coursera](https://www.coursera.org/account/accomplishments/verify/9MXMRZP2HH86) April 2024

# Co-curricular Activities

**Community Development Volunteer** April 2025 Suman Kaushal Prasikchhan kendra, Dehri provided education and mentorship to underprivileged students, focusing on literacy, organizing awareness programs and focusing on sanitation.

**Web-e-stan 3.0**

Secured top 3 in hackathon.

**Event coordinator at Wissen**

Served as Technical Head of the organization over three months, leading the planning and execution of two events.

# Education

**Lovely Professional University** Punjab, India

* *Bachelor of Technology - Computer Science and Engineering;* ***CGPA: 6.52*** *August 2022 – May 2026*

**Pragya Niketan Public School** Sasaram, Bihar

* *Intermediate (PCM);* ***Percentage: 77%*** *April 2019 - March 2021*

**DAV Public school** Dehri, Bihar

* *Matriculation;* ***Percentage: 86%*** *April 2018 - March 2019*