

# Rishav Kumar

+916202794952 ✉ [rishavkumarvyas@gmail.com](mailto:rishavkumarvyas@gmail.com)

[in http://www.linkedin.com/in/rishavkumar576](http://www.linkedin.com/in/rishavkumar576) <https://github.com/heartbeat576>

## Objective

A dedicated and proactive professional committed to academic and career excellence, recognized for implementing innovative solutions and excelling in collaborative team environments. Demonstrates exceptional communication and leadership capabilities, coupled with a strong ability to adapt and learn swiftly. By leveraging innovative strategies, aims to contribute to both personal development and organizational success.

## Education

**Bachelor's of Technology in (Computer Science and Engineering)**, CMR University **Jan 2021 – May 2025**  
CGPA : 7.81

**Higher Secondary Education**, Sr. D.A.V Public School Pundag Ranchi **Jan 2019 – Apr 2020**  
Percentage : 70.33

**Secondary Education**, Sachidanand Gyan Bharti Model School **Jan 2017 – Apr 2018**  
Percentage : 76.00

## Internships

**Web development Intern**, INTERNPE **Jan 2024 – Feb 2024**

- Assisted in the design and development of responsive websites using **React**, **CSS**, **JavaScript**, and various frameworks.
- Participated in **Code reviews** and **debugging** sessions to maintain code quality and optimize performance.
- Performed **testing** and **verification testing** to identify and resolve issues, improving site reliability and performance.
- Performed component-level **feature testing** and assisted with **release testing** during website deployment cycles.

**Data Science Intern**, 1Stop.ai **Feb 2023 – Mar 2023**

- Analyzed large datasets using **Python**, **Pandas**, and **NumPy** to extract meaningful insights.
- Created **data visualizations** with **Matplotlib** and **Seaborn** to communicate findings effectively.
- Worked with **SQL databases** for data extraction, cleaning, and analysis to support data-driven decision-making.
- Automated data report generation using Python scripts and scheduled visual updates via Jupyter notebooks.

## Projects

**Portfolio website** **2024 - Present**

- Designed and developed a responsive personal portfolio website using **React.js**, **TypeScript**, and **Tailwind CSS**.
- Implemented reusable components, smooth page transitions, and optimized performance for mobile and desktop views.
- Deployed the site using GitHub.

**ML Based Skin Detection Techniques** **2023 - 2024**

- Developed a machine learning pipeline using Scikit-learn and OpenCV to classify skin regions in images and **Performed compatibility testing**, applying core **computer vision** techniques.
- Developed and fine-tuned machine learning models (e.g., **SVM**, **CNN**) to accurately classify skin pixels in images.
- Enhances **image analysis** in medical diagnostics, digital photography, and security systems where accurate skin detection is crucial.
- Applied data preprocessing techniques including normalization, transformation, and feature selection for improved model performance.

**Design and Development of Bluetooth- controlled Glowing Bulb Using a Mobile Device** **2022 - 2023**

- Designed a system to remotely control a glowing bulb using Bluetooth and a **mobile app**.
- Verified system responses and logged bugs during development, contributing to robust **error reproduction** and **verification**

## Skills

**Technical skills:** Web development, MS O365, Java(intermediate), HTML, SQL, Python, C++, OS Fundamentals, React.js, Windows, PHP, Data Visualization, Node.js(basic),Linux(basic), Power BI(Basic).

**Tools:** Adobe Photoshop, Google Colab, Adobe Analytics, Canva, Azure DevOps, Nmap, VS Code, Jupyter. Git, Scratch, Bootstrap

**Soft Skills:** Critical Thinking, Time management, patience, Problem Solving, Team collaboration, Adaptability, Strong communication, Forward thinking.

**Languages:** Hindi (Native), English (Proficient), German (B1)

## Certifications

- Selenium for Beginners by LinkedIn Learning **2025**
- Azure DevOps for Beginners by LinkedIn Learning **2025**
- Rest API Intermediate by Hacker rank **2021**
- Introduction to Cloud Computing certificate by Simplilearn **2021**