

# Rishav Kumar Singh

Bachelor of Technology  
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GitHub Profile  
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## PROFESSIONAL SUMMARY

Software Developer with a strong foundation in Computer Science and hands-on experience building full-stack and AI-powered applications. Skilled in Python, JavaScript, Flask, React, and machine learning, with projects ranging from NLP-based web apps to predictive healthcare systems.

I enjoy turning ideas into functional, user-friendly solutions and have a track record of deploying scalable applications and improving workflows. Adaptable, collaborative, and driven to create impactful technology that solves real-world problems.

## PROFESSIONAL EXPERIENCE

### •Business Operations – Skills Department

June 2025 – October 2025

*PW Skills (Physics Wallah) – Bengaluru, Karnataka*

- Contributed to operational planning and execution within the Skills Department, supporting learners in upskilling across tech domains.
- Engaged in learner onboarding, curriculum flow improvement, and placement coordination efforts.

## EDUCATION

### •Bachelor of Technology in Computer Science and Engineering

2021-25

*Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha*

## PROJECTS

### •SynthAIsum

*Flask, Python, HTML, CSS.*

- Developed an NLP-based web app, reducing information processing time by 40%, enhancing user productivity.
- Extracted key insights from complex datasets with 95% accuracy, showcasing analytical problem-solving.

### •Disease Predictor with Ayurvedic Medicine Formulation

*Python, flask, NumPy, Pandas*

- Built a machine learning model that reduced consultation time by 20%, demonstrating practical problem-solving..
- Integrated a user-friendly interface to ensure accessibility, focusing on improving user experience.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Java, Python, JavaScript, HTML/CSS, SQL

**Framework:** Flask, ReactJS

**Tools:** VScode, Linux, Ubuntu

**Cloud/Databases:** Relational Database(mysql)

**Relevant Coursework:** DSA, OS, OOPs, DBMS, SE.

**Areas of Interest:** Web Development, Artificial Intelligence(AI), Software Development, Data Science.

**Soft Skills:** Leadership,Self-learning, Design Thinking, Presentation, Adaptability,Relationship Management, Communication Skills.

## CERTIFICATIONS AND PUBLICATIONS

### •Presenter and Co-author ComSIA-2025, University of Delhi

Mar, 2025

- A Progressive Smart Attendance System using Facial Features based Recognition Approach

## ACHIEVEMENTS

### •AI AlChemY Hackathon 20241st runner up

- Developed a fully responsive UI for a major project using HTML and CSS, ensuring optimal user experience across devices.
- Deployed the model on the web with Flask, achieving seamless integration and enhanced user interaction.