

# RAJAT YADAV

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## Objective

Dedicated Computer Science student with experience in Python, DevOps, C Programming, Cloud Computing, and UI/UX Design. Skilled in optimizing workflows and enhancing system performance. Seeking a challenging role to leverage my expertise in DevOps and cloud technologies while fostering innovation and enhancing team efficiency. Successfully developed projects like an AI-Powered Resume Analyzer and a Sign Language Translator, showcasing both technical proficiency and user-centered design.

## Education

### Indira College of Commerce and Science

Aug 2022 – May 2025

*Bachelor of Computer Science*

*Pune, Maharashtra*

- CGPA: 7.23

### Shri Siddheshwar Mahavidyalay

June 2021 – Apr 2022

*Higher Secondary (12th), Science*

*Majalgaon, Maharashtra*

- Grade: 80.67%

## Projects

### AI-Powered Resume Analyzer | Python, ML, AI | GitHub

Dec 2024 - Present

- Objective: Developed an AI-powered tool designed to analyze resumes and provide insights regarding the structure, format, and content.
- Technologies Used: Python, Machine Learning, Natural Language Processing (NLP), Flask, MongoDB
- Insights: Integrated NLP to identify key skills, qualifications, and experiences, while offering suggestions for improvement.
- Additional Features: Used machine learning algorithms to assess resume quality and provided feedback to enhance job application success.

### Sign Language Translator | Arduino, C | GitHub

Jan 2024 - Apr 2024

- Objective: Developed a system using Arduino to translate sign language gestures into spoken words.
- Technologies Used: Arduino, sensors (e.g., flex sensors), communication modules (e.g., Bluetooth), programming (C), and integration with speech/text generation modules.
- Insights: Aimed at assisting individuals with hearing impairments by enabling real-time communication. Received positive feedback during user testing for its effectiveness in translating gestures into understandable speech.
- Additional Features: Implemented sensor interfacing and signal processing techniques to accurately recognize gestures. Integrated a speech synthesis module to convert recognized gestures into audible speech.

## Certifications

- Python Certification
- Introduction to DevOps
- Become a Data Analyst
- Cloud Computing Specialization
- Google UX Design Professional Certificate

## Skills

- **Programming Languages:** Python, C, HTML, CSS, SQL
- **DevOps Tools:** Git, GitHub, Ansible, Jenkins, Kubernetes, Docker
- **Cloud Platforms:** AWS, Azure
- **Databases:** MongoDB, MySQL
- **Design Tools:** Figma, Adobe XD
- **Soft Skills:** Communication, Time Management, Problem-Solving, Teamwork, Creativity