

# RANISH GHIMIRE

Dhapakhel, Lalitpur • 9818703509 • [ghimireranish504@gmail.com](mailto:ghimireranish504@gmail.com)



[Github](#)



[LinkedIn](#)



## SUMMARY

Ranish Ghimire is a passionate cybersecurity enthusiast pursuing a Bachelor's in Computer Engineering at Kantipur Engineering College. He has keen interest in ethical hacking, network security and system hardening. With certifications in Advanced Cybersecurity and Ethical Hacking, Ranish aims to strengthen digital defense mechanisms and build secure, resilient systems that protect against evolving cyber threats.

## PROJECTS

### Poseperfect

Jan 2025

- A Fitness App that provides real-time exercise detection, monitoring and logging of workout progress.
- Use of CNN and LSTM with self built dataset.
- Built a Web-based App using React and FastApi (Python).

### Emotion Detection Model

Sep 2024

- Classifies what the user is feeling (emotion) via voice input.
- Use of digital signal processing, spectrogram and CNN.

### Voice2Care: Mental Health Monitoring and Support System

Ongoing

- Developing a real-time AI system that detects user emotions from speech, transcribes input, and uses a custom emotional RAG model to generate empathetic responses via text-to-speech. Also monitors for signs of violence or suicidal intent and alerts emergency services when needed.

### Jobify

Jan 2024

- A fully functional job portal built using the MERN stack, allowing users to post job opportunities and search for jobs.
- Includes Authentication and Authorization system.

## EDUCATION

### Bachelors in Computer Engineering

Ongoing

Kantipur Engineering College

### +2, Science

2021 AD

DAV Sushil Kedia Vishwa Bharati School

GPA - 3.85 / 4

### Schooling

2019 AD

Adarsha Vidya Mandir (A.V.M.)

SEE GPA - 3.8 / 4

## SKILLS

- **Technical Skills:** Networking & Systems, Operating Systems & Administration, Security Concepts, Programming & Development, Data Analyst, Machine Learning & AI, Web Development
- **Programming & Scripting:** Python, Bash/Powershell, SQL, Javascript, React, NextJS, FastAPI, Express, NoSQL, C, C++
- **Tools:** Nmap, Metasploit, OpenVAS, Burp Suite, Wazuh, SQLmap, Hydra, Aircrack-ng suite, Netcat, Dradis, Cisco Packet Tracer

## ADDITIONAL INFORMATION

- **Certifications:** Advanced Cybersecurity - Broadwayinfosys, Certified Ethical Hacker - Cisco, Networking Basics - Cisco, Machine Learning, Deep learning, AI Certifications – Coursera, MERN Stack Certification – Udemy
- **Awards/Activities:** 6<sup>th</sup> sem whole university topper, Gold Medals & Certificates for being the college topper in all six semesters (current semester - 7th).