

Tenzin Ngakpal

Linkedin: [linkedin.com/in/ngakpal](https://www.linkedin.com/in/ngakpal)
Github: github.com/TenzinNgakpal
Portfolio: tenzinngakpal.github.io/TenzinNgakpal

Email: tngakpal@gmail.com
Mobile: +91-7505303908

SKILLS

- **Languages:** C, C++, JavaScript, Python, Rust
- **Frameworks:** HTML and CSS, Node JS, React JS
- **Tools/Platforms:** MySQL, AWS, Docker, Kubernetes, Git, Github Actions, Ubuntu, Kali Linux
- **Soft Skills:** Problem-Solving, Team Player, Project Management, Adaptability

INTERNSHIP

- **Wiseyak Inc – Health Tech AI Company** January 2023 - May 2024
ML Intern
 - **Project Overview:**
 - Developed a search engine optimization tool using AI for automatically creating blogs and content for ranking higher in Google Search SEO rankings. Using Python and AI Tools such as ChatGPT and Perplexity, found the best results for SEO Rankings among content produced through certain keywords.
 - Handled cyber security and penetration testing at the company, tasked with securing the company website and web apps.
 - Found website malpractices and suggested fixes for the security issues produced by the incorrect settings. Tested the site's firewall filters and login page security.
 - **Tech stacks used:** Python, Perplexity API, Kali Linux, Linux Network Administration, Wireshark, Cyber Security.

PROJECTS

- **Lifestyle Disease Prediction - AI Disease Prediction Model:** January 2025 - April 2025
 - Designed an ML Model to predict lifestyle diseases by based on symptoms.
 - Evaluated multiple different machine learning algorithms for accuracy and efficiency.
 - Added a user-friendly web platform for easy access to the predictions.
 - Deployed the project and tested its accuracy and UI Interface.
 - **Tech:** Python, HTML, CSS
- **Auto-Blogger - AI SEO Tool to Create Automatically Blogs:** January 2024 - March 2024
 - Created the blog creation tool for websites that creates the content based on certain keywords that rank highly in Google SEO Rankings.
 - Utilized ChatGPT and Perplexity AI as the AI Tools, and Python for scripting and backend development.
 - Implemented image generation features alongside blog content.
 - Added APIs to form a smooth interface between database and the platform.
 - **Tech:** Python, ChatGPT API, Perplexity API

CERTIFICATES

- Certificate of Continuing Education Completion – Offensive Penetration Testing April 2024
- Certificate of Continuing Education Completion – Penetration Testing and Ethical Hacking March 2024
- Master Ethereum & Solidity Programming From Scratch in 2023 by Andrei Dumitrescu by Udemy April 2023

RESEARCH & PUBLICATIONS

- **Research Paper Published in ICDT – 2025:** March 2025
 - Conditional GANs for Enhanced Artistic Synthesis: Improving Quality and Speed through Innovative Colorization Techniques.
 - Co-authored a research paper on an AI model for sketch colorization and image enhancement.
 - Conducted an in-depth literature review and contributed extensively to writing and editing the manuscript.
- **Review Paper Published in KILBY – 2024:** April 2024
 - Social Engineering: Techniques & Implications.
 - Conducted a comprehensive study on Social Engineering attacks, focusing on psychological factors like trust and authority used to exploit human behavior.
 - Analyzed real-world case studies to illustrate the impact of such attacks on individuals and organizations.
 - Concluded with a review of current research and identified key areas for future investigation to mitigate these threats.

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Master of Technology - Computer Science and Engineering; CGPA: 7.52 Since July 2024
- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.27 July 2019 – July 2023
- **Tibetan Homes School** Mussoorie, Uttarakhand
Senior Secondary; Percentage: 70.1% April 2018 - March 2019
- **Tibetan Homes School** Mussoorie, Uttarakhand
Matriculation; Percentage: 86.0% April 2016 - March 2017