RAMAN SHAKYA

Software Developer

- 📞 +977 9745657045
- ✉️ raman.gwarko15@gmail.com
- 📍 Tikathali, Lalitpur

- 🔗 https://www.linkedin.com/in/raman-shakya/
- 🔗 https://github.com/Raman-Shakya
- 🌐 https://www.ramanshakya.com.np/

EXPERIENCE

Software Developer
DTRG Network Pvt. Ltd.

📅 6/2025 - current   📍 Kathmandu, Nepal

- Developed production ready Gen-AI pipelines.
- Designed and built scalable mobile applications.
- Developed custom React.js UI/UX for commercial website.

Tech Lead
Tackoom Pvt. Ltd.

📅 11/2022 - 11/2024   📍 Kathmandu, Nepal

- Designed scalable system architectures, integrated database frameworks, and implemented secure user authentication systems.
- Developed custom React.js UI/UX with REST API communications.
- Supervised developers, standardized coding practices, and optimized workflows to enhance team efficiency.

Python Developer - internship
Prince Lab Pvt. Ltd.

📅 02/2023 - 05/2023   📍 Kathmandu, Nepal

- Built custom UI components with PySide2, integrating biopython and matplotlib.
- Prepared machine learning dataset via web scraping.
- Designed and styled UI using HTML, CSS and QtWidgets.

PARTICIPATION

Competitive Coding
KEC Dristi 3.0   📅 01/2025

Secured 2nd place, showcasing advanced problem-solving, algorithmic thinking, and efficient coding skills.

Catch The Flag
AWS Student Community Day Nepal - 2024   📅 09/2024

Participated and tested and developed my computer security skills.

Hackathon
KIST HACKFEST   📅 06/2024

Participated with team of 4 where we designed and developed health-care system with automated AI diagnosis and health-specialist selection

SUMMARY

Web and mobile application developer with a strong foundation in web system architecture, alongside practical experience in Generative AI, machine learning, and applied AI solutions.

Achievement

- 🎖️ **Global Finalists (NASA INTERNATIONAL SPACEAPPS CHALLENGE 2021**

- 🎖️ **2nd Position in Competitive Coding (KEC Dristi 3.0)**

SKILLS

RAG - GenAI   React.js   Next.js   React Native

Node.js   CSS   Express.js   Firebase   Flask

Github   SQL   React Hooks   REST APIs   JWT

MongoDB   Python   Tailwind CSS   UI/UX

Figma   ASP.Net

EDUCATION

🎓 **BSC. CSIT**
St. Xavier's College
📅 2022-present   📍 Maitighar, Kathmandu

CERTIFICATION

Gen AI Training

Certifications on generative AI - NN, CNN, RNN, RAG

CISCO and AWS Certification

Certification for CISCO and AWS configurations

PARTICIPATION

Hackathon
SXC Sandbox   📅 01/2024
Lead a team of 4 where we designed and developed a smart
parking application to solve traffic congestion problem.

Hackathon
NASA International SpaceApps Challenge 2021📅 10/2021
Participated with a team of 6 on theme *Unlocking the Secrets of
the Sun and where we used open source API's and simulations to
show Sun's properties.*

Bot-Programming
Spring Challenge 2021   📅 05/2021
Participated and created bot to play and compete on a game of
Photosynthesis organized by codingame.

CERTIFICATION

JavaScript Certification
Codingame's certification for problem
solving skills in JavaScript

Python (Basic)
HackerRank skill certification for
Python (basic)

Problem Solving (basic)
HackerRank skill certification for
problem solving.

REFERENCES

Dev Shakya   DTRG Network / Founder
+977 9840098672   dvshakya@gmail.com

Aayush Acharya   Tackoom / CEO
+977 974185012   aayushacharya194@gmail.com

Prince Singh   PrinceLab / CEO
+977 9821404104   princesingh@princelab.org