Roney Karki

AI-Powered Developer | Python & Web Engineer | Builder of Data-Driven, Intelligent Applications

Relevant Experience: **2+ years in AI, ML, and Data-Driven Application Development**

Total Experience: 4+ years

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📍 Kathmandu, Nepal

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💼 Experience

Sathi-Solutions
2020 - 2022
Content Writer | WordPress Blogger
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- Published SEO-optimized articles on tech, AI, and finance.
- Managed WordPress sites, created illustrations, and improved reader engagement.

Independent | Remote
2024 - present
👨‍💻 **AI & Web Projects Lead**
- Initiated and led multiple AI-driven and web-based personal projects, applying full-stack development and machine learning principles.
- Built an API-integrated football data platform for live match tracking and prediction using Python, pandas, and scikit-learn.
- Prototyped a SaaS-based YouTube thumbnail generator using GPT for prompt engineering and image generation.

Self-Employed
Apr 2023 - present
Freelance Web Developer & Graphic Designer
- Delivered 10+ websites with modern UI/UX and integrated backend features using Node.js.
- Created brand kits, logos, and social media graphics for clients.
- Managed multiple client projects with 100% on-time delivery.

Durga Aawashiya English School
2021 - 2024
Instructor | Computer Science
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- Taught frontend and backend development with live coding workshops.
- Mentored students and encouraged participation in tech events and competitions.

🔑 Projects & In-Progress Work

🐷 Football Player Rating Prediction System
- Built ML models (Random Forest, XGBoost, SVR) using Sofifa data to estimate player ratings.
- Preprocessed large datasets and achieved accurate predictions using ensemble methods.

🌐 Durga Aawashiya English School Website
- Created a fully responsive school website using React and Tailwind CSS.
- Designed modern UI with hover interactions, structured navigation, and mobile optimization

🎥 AI-Powered YouTube Thumbnail Generator (Ongoing)
- Building a SaaS app to auto-generate viral YouTube thumbnails using GPT and image models.
- Features include prompt-based image generation, template customization, and Vercel deployment.
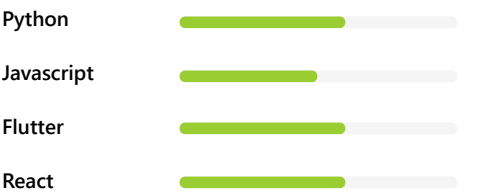
🛡️ Certificates and Awards

- Generative AI Mastermind – Outskill
- Prompt Engineering Professional – IMTF
- 5-Day ML Bootcamp – Coding Ninjas
- MERN Stack Certification – Himalaya College of Engineering
- HTML & CSS Certification – Himalaya College of Engineering
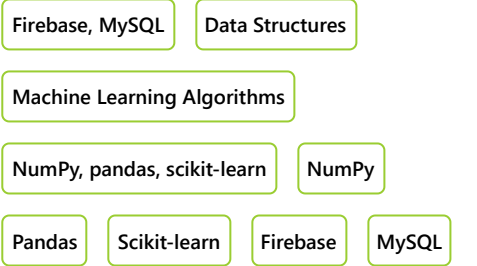- AWS Node Runners – Binance Academy

👤 About me

Passionate AI and web developer focused on building smart, real-world solutions. I combine machine learning, automation, and full-stack development to create impactful projects—from predictive models to SaaS tools. Always learning, always building.

🎯 Career Objective

To leverage my skills in AI, Python, and full-stack development to contribute to innovative, data-driven projects. I aim to work with forward-thinking teams, expand my capabilities in artificial intelligence, and eventually lead the development of scalable AI tools and businesses that create meaningful global impact.
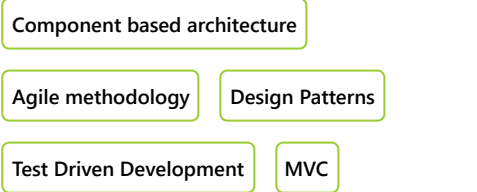
✖️ Technical Expertise

Skill	Level
Python	▓▓▓▓▓▓░
Javascript	▓▓▓▓▓░░
Flutter	▓▓▓▓▓▓░
React	▓▓▓▓▓▓░

✅ Skills / Exposure

- Firebase, MySQL
- Data Structures
- Machine Learning Algorithms
- NumPy, pandas, scikit-learn
- NumPy
- Pandas
- Scikit-learn
- Firebase
- MySQL

🔧 Methodology / Approach

- Component based architecture
- Agile methodology
- Design Patterns
- Test Driven Development
- MVC

🔧 Tools

- Git
- VS Code
- Jupyter Notebook

🏛️ Education

B.E.
2021 - 2025
Computer Engineering
Himalaya College of Engineering

High School
2019 - 2021
Science
Goldengate Int'll College
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