

Rijul Poudel

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📄 github.com/rijulpoudel

Education

University of Kansas

Expected May 2027

Bachelor of Science in Computer Science, Minor in Data Science

- **Awards and Honors:** KU Honors Program, Dean's List, International Excellence Award
- **Coursework:** Software Engineering, Data Structures & Algorithm, Probability & Statistics, Intro to Data Science, Elementary Statistics & Data Analysis

Skills & Tools

Languages: Python, JavaScript, TypeScript, C, SQL, HTML, CSS

Frameworks: ReactJS, Tailwind CSS, NodeJS, NumPy, Matplotlib, Pandas, Seaborn, Scikit-Learn

Tools: Git, GitHub, Docker, Netlify, Figma, Adobe Photoshop, Lightroom, DaVinci Resolve

Experience

Advanced IT Technician

Lawrence, KS

KU Information Technology

June 2024 – Present

- Reduced ticket resolution time to 4.5 minutes for standard tickets by enhancing the knowledge base.
- Managed 85 tickets weekly, resolving technical issues across Android, iOS, macOS & Windows platforms.
- Supported tools like Active Directory, Microsoft 365 & Cisco VPN, complying with FERPA and KU policies.

Front-End Developer & Graphics Lead

Kathmandu, Nepal

Mathematics Initiatives in Nepal (MIN)

June 2022 – Aug 2023

- Redesigned and optimized MIN's website using HTML, CSS, and JavaScript, improving page load times by 25%.
- Led a 6-person team for JMOC campaigns, boosting engagement by 30% and promoting Math olympiads.
- Designed graphics in Figma, creating content that reached 1,400+ students across web and social channels.

Student Research Scholar

Kathmandu, Nepal

Student Research Council Nepal (SRCN)

May 2022 – August 2022

- Selected as 1 of 5 students (from 1,000+ applicants) for the computational biology research program.
- Validated penicillin as a drug candidate via protein docking & binding, presenting findings to researchers.
- Analyzed bacterial proteins with PyMOL and PyRx in a 4-person team mentored by UPenn colleagues.

Projects

Lost & Found - HackKU 2025 — *React Native, Expo, Firebase, Flask, Python*

[Devpost](#) 

- Solved organizational challenges by building a cross-platform app to track items by name and location.
- Improved data storage and retrieval by designing a React Native UI and integrating Firebase via Flask API.
- Delivered a functional MVP in 48 hours, enabling multi-location searches with a 3-person hackathon team.

Bizboard - Codepath Web 102 — *React, Supabase, CSS*

[Github](#) 

- Built a full-stack marketplace for entrepreneurs to create, discover, and engage with service listings.
- Enabled real-time interactions by integrating Supabase for CRUD operations, comments, and upvotes.
- Improved user experience with advanced filters, responsive design, and dynamic activity dashboards.

Crafteako — *HTML, CSS, JavaScript*

[Github](#) 

- Built a responsive website to showcase my own photography/videography work, attracting clients and inquiries.
- Designed a modern UI with custom CSS, animations, and branding, optimizing visuals for fast load times.
- Implemented a contact system and cross-device compatibility, creating a seamless client experience.

Certifications & Leadership

CodePath Web Development 101 & 102 – *Certificate*

Feb 2025 - Aug 2025

CodePath Technical Preparation 101 – *Certificate*

Feb 2025 - Aug 2025

Nepalese Student Association KU – *Secretary*

April 2024 - August 2025