Anjan Parajuli

+977-9847784772 · anjanparajuli2001@gmail.com
Bijaypur, Pokhara-26, Kaski, Nepal

Portfolio Github Medium LinkedIn

PROFESSIONAL EXPERIENCE

Yes Helping Hands IT Solutions Pvt. Ltd   **Oct 2024 - Present (1 year)**
Backend Developer (Python)

- Developed a scalable multi-vendor eCommerce platform with optimized order processing, vendor management, and over 50,000 records.
- Enhanced API performance by 40% using SQL optimization and Redis caching, and implemented granular RBAC to reduce unauthorized access.
- Led Docker-based deployment with Swarm orchestration, achieving 99.9% uptime and efficient auto-scaling.

Aarambha IT Research Center   **July 2023 - Sep 2024 (1 year 3 months)**
Backend Developer (Python)

- Developed and optimized secure government systems, hospital websites, and news portals for high scalability.
- Built a Human Resource Management System (HRMS) for 500+ employees, automating attendance and project management.
- Integrated third-party APIs and automated workflows, reducing manual processes and boosting operational efficiency

Xdezo Academy   **Feb 2023 - Aug 2023 (6 months)**
Django Instructor

- Instructed 40+ students in Django and REST API development, achieving an 80% course completion rate.
- Developed a hands-on curriculum, enhancing practical skills and achieving a high student satisfaction rate.

Fuse Machines   **April 2024 - Nov 2024 (7 months)**
Artificial Intelligence Fellowship Awardee

- Acquired advanced knowledge in machine learning and deep learning, specializing in transformer architecture, NLP, and computer vision, completing coursework with a score of 79%.
- Developed a chatbot using the T5-base model, fine-tuning it on tourism data to enhance relevance and performance.
- Executed an NLP-based project, applying theoretical concepts to real-world challenges.

RESEARCH EXPERIENCE

- Completed a research paper on end-to-end Nepali legal question answering using Retrieval-Augmented Generation (RAG) covering all development processes.
- Experimented with pretraining and finetuning low-resource Nepali monolingual models using 7K synthetic entailment data.
- Write and publish articles on Machine Learning and Artificial Intelligence on Medium.

COMMUNITY WORK AND LEADERSHIP

- Served as Association of CSIT Students (ACS), leading over 500 students in organizing technical workshops, innovation programs, and academic events.
- Collaborated with Code for Change, a national student organization, to coordinate nationwide hackathons and technology-driven community initiatives.
- Organized and participated in a Blood Donation Program supporting local hospitals and healthcare outreach.
- Led a Community Sanitation Initiative to promote hygiene awareness and environmental responsibility.
- Volunteered in an Old Age Care Support Program, providing assistance and emotional support to elderly residents.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science and Information Technology
Tribhuvan University - 2024

- **Valedictorian:** Recognized as the top student of the class for academic excellence.
- **Merit Scholarship:** Awarded for consistent top performance throughout the semesters.

SKILLS

- Programming Languages: Python, JavaScript
- Frameworks & Technologies: Django, REST APIs, GraphQL, Docker, Redis, SQL, PyTorch, Hugging Face,
- Tools & Platforms: Git, GitHub Actions for CI/CD
- Database Management: MySQL, PostgreSQL
- Cloud Services: AWS, Azure