

ROJAN ADHIKARI

Apartment 31, 600 N Blackwelder Ave, Edmond, Oklahoma – 73034, USA

Ph no: 608-480-9488; Email: adhikari.rojan619@gmail.com [Linkedin](#)

ACADEMIC QUALIFICATION

Masters of Science in Computational Science – Computer Science, University of Central Oklahoma (UCO), Edmond, Oklahoma, USA. *Running*

Bachelor in Computer Engineering, Kathmandu Engineering College (KEC), Kalimati, Kathmandu, Nepal, affiliated to Tribhuvan University (TU), Kirtipur, Kathmandu, Nepal; Aggregate: 67.25%; Feb'21

WORK EXPERIENCE

Software Engineer, Yasok Systems Pvt Limited., Kathmandu

Oct'22 – July'23

- Worked extensively as Enterprise Search Solutions Consultant, providing services and expertise in the deployment, customization and management of Enterprise Search Projects
- Designed and implemented CI/CD pipelines, improving deployment efficiency and reducing manual intervention.
- Managed AWS cloud infrastructure, optimizing for performance and cost.
- Utilized Docker and Kubernetes for containerization and orchestration, enhancing application scalability and reliability
- Developed automation scripts in Python and Bash, streamlining operational processes.
- Collaborated on the adoption of Infrastructure as Code (IaC) practices, significantly reducing configuration errors and deployment times.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance
- Provided consulting on architecture, indexing, searching, and best UI practices

INTERNSHIPS

Front-end developer intern, HamroPatro, Kathmandu

Mar - Sep'22

- Worked on in-house project named 'HamroGifts'
- Worked on implementing new feature for HamroPatro News Recommendation System, leveraging Tech Stack: Sveltekit, gRPC, TypeScript, Java, Python, Machine Learning, Deep Learning
- Migrated from the old repository, developing/testing enhanced features for mobile phones and desktop platforms using HTML, CSS and JavaScript code
- Followed SDLC best practices within Agile environment to produce rapid iterations for clients
- Designed and updated layouts to meet usability and performance requirements, collaborating with stakeholders to confirm creative proposals and design best practices
- Contributed to projects within Scrum project management environments

Back-end developer intern, WEN Solutions, Kathmandu

Jun'19 – Dec'20

- Worked in pure PHP code base
- Developed WordPress theme and plugins
- Cooperated with front-end developers/other team members to design more cohesive and functional code
- Moved to front-end, migrating pure HTML CSS to React code base; integrated front-end elements into applications

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Cloud Platforms:** Proficient in AWS for deploying, managing and operating scalable, highly available and fault-tolerant systems.
- **CI/CD Tools:** Experienced with Jenkins, GitLab CI for automating code deployment and infrastructure changes.
- **Infrastructure as Code (IaC):** Skilled in Terraform and Ansible for managing infrastructure.

- **Containerization and Orchestration:** Knowledge in Docker and Kubernetes for container management.
- **Scripting Languages:** Proficient in Python and Bash for automation scripts
- **Monitoring and Logging:** Familiar with Prometheus and ELK stack for system monitoring and logging.
- **Database:** SQL, MongoDB
- **Web Technologies:** HTML5, CSS, React.js, Node.js, APIs
- **Application Programming Interface:** REST, GraphQL
- **Microsoft Office Package**