

# ROJAN ADHIKARI

Sitapaila, Kathmandu, Bagmati Province, Nepal - 44600  
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## ACADEMIC QUALIFICATION

**Bachelor in Computer Engineering**, Kathmandu Engineering College (KEC), Kalimati, Kathmandu, Nepal, affiliated to Tribhuvan University (TU), Kirtipur, Kathmandu, Nepal; Aggregate: 67.25%; May'20

## WORK EXPERIENCE

*Software Engineer, Yasok Systems Pvt Limited., Kathmandu*

*Oct'22 - present*

- Worked extensively as Enterprise Search Solutions Consultant, providing services and expertise in the deployment, customization and management of Enterprise Search Projects
- Designed UI/UX software with intuitive, easy-to-use interfaces and JavaScript libraries implementation based on client/user needs and business use cases
- Collaborated with clients on project specifications to design technology solutions that met/exceeded performance expectations
- 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

## ACADEMIC PROJECTS

**Title:** Student Management Systems

**Duration:** Jul'18 – May'19

**Team size:** 4

**Summary:** This was an interdepartmental Student Management System application which allowed students and staff at the Computer Engineering Department of KEC ease-of-access to daily schedules, attendance, records, enabling real-time chat between students and mentors

**Individual Role:** Core developer and Project manager

**Title:** 'Safa Samaj'

**Duration:** Jun'19 – May'20

**Team size:** 4

**Summary:** The project was a mobile application with key built-in features such as, waste detection, waste pickup schedules, dumpster truck tracking system including individual user profiles.

**Individual Role:** Core developer and Project manager

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Python
- **Database:** SQL, MongoDB
- **Web Technologies:** HTML5, CSS, React.js, Node.js, APIs
- **Software Programming/Architecture:** REST, GraphQL
- **Cloud computing:** Azure, Docker

## LANGUAGES KNOWN

- **English:** Proficient in oral and written forms with IELTS score of 6.5
- **Hindi:** Proficient in oral
- **Nepali:** Mother tongue, proficient in written and spoken forms

## AWARDS AND ACHIEVEMENTS

- Mentored two new employees at Yasok Systems in Dec'22, training them in work procedures/projects, resulting in teams achieving quicker completion milestones
- Selected for the HamroPatro Fellowship Program 2021
- Runner-up amongst seven teams at *Drishti 2.0* hackathon hosted by the Free Students' Council at Kathmandu Engineering College (KEC) in Kalimati, Kathmandu, Jul'19

## EXTRACURRICULAR ACTIVITIES

Participated in hackathons (Dristi 2.0) as an undergrad at KEC in '19 and won \$100 as a runner-up

## COMMUNITY SERVICE

Was a donor at a blood donation camp organized by HamroPatro in Jul '22