

Aakarshan Khadka

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Career Objective

Driven by a passion for technology and continuous learning, I thrive in dynamic environments where innovation and creativity are key, I am eager to contribute my growing experience in machine learning, data science, and both front-end and back-end development to a team that values collaboration and growth. I aim to leverage my diverse skill sets and enthusiasm to develop impactful solutions to problems and drive technological advancements. .

Education

Islington College, London Metropolitan University <i>Bsc (Hons) Computing with Artificial Intelligence</i>	<i>Sept 2023 – Present</i>
Malpi Institute <i>ALevels</i>	<i>2022</i>
The Chandbagh School <i>SEE</i>	<i>2020</i>

Experience

Backend Developer & DevOps Engineer <i>Press1</i>	<i>Remote</i> <i>July 2025 - Present</i>
<ul style="list-style-type: none">◦ Built and maintained backend systems for web-based projects.◦ Deployed and hosted static websites using HTML, CSS, and JavaScript.◦ Containerized applications using Docker for consistent development and deployment.◦ Managed deployment pipelines and server infrastructure for smooth rollouts.◦ Handled domain setup, SSL, and server configuration for production environments.	
Junior Python Developer <i>AZMinds</i>	<i>Baneshwor, Kathmandu</i> <i>Dec 2024 - Present</i>
<ul style="list-style-type: none">◦ Design, develop and deploy RESTful APIs.◦ Manage and optimize databases, ensuring reliability and performance.◦ Implement rigorous testing to maintain API security and functionality.◦ Work closely with cross-functional teams to deliver seamless integrations.◦ Engage in client meetings to understand and deliver functional systems.	
Backend Intern <i>AZMinds</i>	<i>Baneshwor, Kathmandu</i> <i>Sept 2024 – Dec 2024</i>
<ul style="list-style-type: none">◦ Gained knowledge on docker, Amazon AWS and virtual environments.◦ Collaborated effectively with cross-functional teams to deliver timely projects and meet deadlines.◦ Worked with real time data, ensuring optimization and fast data processing.	
Content Writer Intern <i>Star Office International</i>	<i>Putalisadak, Kathmandu</i> <i>March 2024 – June 2024</i>
<ul style="list-style-type: none">◦ Conducted research and crafted engaging content on various topics.◦ Leveraged SEO tools and strategies to optimize content, resulting in improved search engine rankings.◦ Managed and published content using WordPress, utilizing its features to maximize SEO performance.◦ Worked collaboratively with the marketing team to align content and promotional goals.	
Script Writer <i>Aakarshan Media House</i>	<i>Anamnagar, Kathmandu</i>

- Wrote the script for cyber bullying psa.
- Wrote the script for alcohol free festivals psa.
- Wrote the script for Family Planning psa.

Projects

Agent Next Door, Property Listing Site [↗](#)

- *Agent Next Door is a Singaporean Property Listing Site where you can find your dream property at the best rate!*

Daal Bhaat Gym, JAVA Application [↗](#)

- *Daal Bhaat Gym is a dynamic webapp made to cater the needs of all the members enrolled in the gym membership. It's made to help admins keep track of the members and the gym plans they sell as well as the members to keep track of their personal profile.*

Product Management System, Python Application [↗](#)

- *The system is developed using modules and functions in Python. It is a system that keeps track of and updates the database with transactions in the product stock.*

Salary Analysis, Python Application [↗](#)

- *The project was done with the help of Python libraries such as Pandas, Numpy and Matplotlib. It is the analysis of the salaries of data science experts working in various companies and places.*

Skills

Technical Skills

Programming Languages: Python,Dart, HTML, CSS, SQL

Frameworks: FastAPI, Django-RestFramework, Flutter, Pandas, Matplotlib, Django Rest Framework, scikit-learn

Cloud DevOps: AWS (S3,Lambda, SNS , EC2), Microsoft Azure, NGINX, Linux VM Management

Applications: DBeaver, Wordpress,

Operating Systems: Windows, Linux, macOS

Soft Skills: Fluent in english, Content writing and creation, Research , Leadership

Certificates

Cambridge FCE Test for English

References

Pradip Bhandari (CTO, AZMinds)