



Binay Adhikari

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WORK EXPERIENCE

2022 – CURRENT Pokhara, Nepal

A FULL-STACK REACT/DJANGO DEVELOPER. FREELANCER

- *Designing and developing scalable and responsive web applications using React for the frontend and Django for the backend*
- *Developing RESTful APIs in Django to facilitate communication between the frontend and backend components*
- *Utilizing version control systems like Git to manage code repositories and collaborate with team members*
- *Communicating with clients or stakeholders to gather requirements, provide updates on project progress, and address any concerns or feedback*
- *Writing unit tests and integration tests to ensure the reliability and functionality of the application*
- *Debugging and troubleshooting issues to identify and resolve bugs or performance bottlenecks*
- *Documenting technical specifications, architectural decisions, and project progress*
- *Creating user guides, API documentation, and other relevant documentation to facilitate future maintenance and support*
- *Staying updated with the latest technologies, frameworks, and best practices in web development*
- *Following coding standards, design principles, and best practices to maintain code quality, readability, and scalability*

2021 – 2023 Pokhara, Nepal

DEPARTMENT HEAD AND SECONDARY LEVEL COMPUTER SCIENCE TUTOR EKATA SECONDARY SCHOOL

- *Delivering computer science lessons to secondary level students, covering topics such as programming languages, algorithms, data structures, computer networks, and software development methodologies*
- *Designing and administering assessments, quizzes, exams, and projects to evaluate student learning outcomes*
- *Overseeing the day-to-day operations of the computer science department, including scheduling classes, managing resources, and coordinating with other faculty members*
- *Supporting initiatives to increase diversity and equity in computer science by encouraging underrepresented groups to pursue STEM education and careers*

Business or Sector Education | **Department** Computer Science

Link <https://www.facebook.com/profile.php?id=100055656500964>

2023 Pokhara, Nepal

SOFTWARE DEVELOPER INTERN CRUMET TECH

- *Collaborating with senior developers to design, develop, and implement features for web applications*
- *Writing clean, efficient, and maintainable code in JavaScript (React) and Python (Django) while adhering to coding standards and best practices*

- Participating in discussions regarding system architecture, database design, and user interface design
- Participating in code reviews, providing feedback on peers' code, and incorporating suggestions for improvement

Business or Sector Information and communication | **Department** Developer | **Email** crumettech@gmail.com |

Website <https://crumet.com/>

Link <https://github.com/AdBinay/Intern-Project>

2021 Pokhara

TRAINEE FRONTEND DEVELOPER NIPUNA PRABIDHIK SEWA

- Understanding the basics of responsive web design and cross-browser compatibility
- Participating in code reviews and learning from feedback provided by more experienced developers
- Prioritizing tasks based on urgency and importance, and seeking guidance when faced with conflicting priorities

Website <https://www.nipunasewa.com/>

JUL 2023 Pokhara, Nepal

ON CAMPUS MENTOR | 30 HOURS FRONTEND WEB DEVELOPMENT TRAINING TO FRESHERS 2023 MOUNT ANNAPURNA CAMPUS

- Helping mentees navigate through learning resources, tutorials, and online courses to build foundational knowledge in HTML, CSS, JavaScript, and frontend frameworks/libraries
- Explaining fundamental concepts and principles of frontend development, including DOM manipulation, CSS styling, responsive design, and JavaScript programming
- Recommending relevant learning resources, tutorials, articles, books, and online courses to supplement mentees' learning and expand their knowledge base
- Demonstrating professionalism, patience, empathy, and a genuine interest in supporting mentees' growth and development as frontend developers

Business or Sector Education | **Department** Computer Science | **Email** info@macpokhara.edu.np |

Website <https://www.macpokhara.edu.np/>

Link <https://www.macpokhara.edu.np/NewsEvent/noticedetail/a2bf0c8f-6806-469a-b2d1-1c0cfa366c4b2023711125545>

2023 – 2023 Pokhara, Nepal

MENTOR | 7-DAYS JAVASCRIPT WORKSHOP CSIT ASSOCIATION OF NEPAL - CSITAN-POKHARA

- Serving as a positive role model and mentor by embodying the values of continuous learning, collaboration, and dedication to excellence
- Tracking progress and providing regular updates on mentees' achievements and areas for improvement
- Recommending relevant learning resources, tutorials, articles, books, and online courses to supplement mentees' learning and expand their knowledge base

Department Computer Science | **Email** csitanpokharaofficial@gmail.com |

Website <https://www.facebook.com/csitanpokhara>

Link <https://www.facebook.com/photo/?fbid=690716039760459&set=a.656440539854676>

● EDUCATION AND TRAINING

2018 – 2023 Pokhara, Nepal

GRADUATE Tribhuvan University, Institute of Science and Technology

Programming Languages: Proficiency in programming languages such as Java, C/C++, Python, JavaScript

Data Structures and Algorithms: Understanding fundamental data structures (e.g., arrays, linked lists, trees, graphs) and algorithms (e.g., searching, sorting, graph traversal) is essential for efficient problem-solving and software development.

Database Management: Knowledge of database concepts, database design, SQL (Structured Query Language), and relational database management systems (e.g., MySQL, PostgreSQL) is taught to manage and manipulate data effectively.

Operating Systems, Computer Networks, Web Development, Software Engineering, Cybersecurity, Artificial Intelligence and Machine Learning, Project Management

Website <https://tu.edu.np/> | Field of study Computer Science and Information Technology | Final grade 77.76 / 100 |

Number of credits 126

Link <https://github.com/AdBinay>

2023 – CURRENT Pokhara, Nepal

SELF LEARNING FreeCodeCamp

Website https://www.freecodecamp.org/Binay_Adhikari |

Field of study Software and applications development and analysis , Database and network design and administration

● LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

programming: Python, MATLAB and SQL | Web Development (Python/Django) | React-JS | Version Control System (Git) | Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation

programming

designing

data science

data structure and algorithm

● ADDITIONAL INFORMATION

VOLUNTEERING

2020 – 2023 Pokhara

Computer science and Information Technology students' association of Nepal, Pokhara (CSITAN Pokhara) As an Executive Member, Treasurer, and Joint Secretary in 3 consecutive tenures at CSITAN Pokhara involved a combination of leadership, financial management, administrative support, event coordination, communication, and collaboration to advance the organization's mission and objectives within the computer science and information technology community.

Link <https://www.facebook.com/csitanpokhara>

HOBBIES AND INTERESTS

Chess Chess Enthusiast: Enjoy playing chess in my free time, fostering strategic thinking, problem-solving, and analytical skills. Engage in chess regularly to sharpen critical thinking, decision-making, and planning abilities outside of work.

Team Collaboration: Participate in chess tournaments and clubs, fostering camaraderie, teamwork, and sportsmanship through strategic gameplay.

Networking and Socialization: Active member of local chess communities, connecting with individuals from diverse backgrounds and sharing insights on chess strategies and tactics.

Leadership and Mentorship: Occasionally mentor beginners in chess, guiding them in learning the rules, strategies, and nuances of the game.

Link <https://www.chess.com/member/bina0>

YouTube *In my spare time, I create tech-related videos and actively engage in tutorial surfing to stay updated and enhance my knowledge in the field.*

Link <https://www.youtube.com/channel/UCFwGOQP7y3zZXmsnQRHA2Kg>