



Binay Adhikari

Date of birth: 26 Aug 2000 | **Nationality:** Nepalese | **Phone number:**

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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/>

Links <https://www.macpokhara.edu.np/NewsEvent/noticedetail/a2bf0c8f-6806-469a-b2d1-1c0cfa366c4b2023711125545> | <https://www.facebook.com/mac.it.club/posts/pfbid02tke5vWDbGCn7HTgvXKTuz9u6ji4cPiVTSEg4NxtFUQ9GQ8V2FNEKNfxEfPPPBYval> | <https://www.facebook.com/mac.it.club/posts/pfbid0qxFDAMptD3ADBWRyGvxRt1XC29tJfPEe6So7cazTT6zARwpabBpFUZkAgb7SUjMpl>

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

BACHELORS OF SCIENCE IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

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
HINDI	C1	B2	C1	C2	B1

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

● **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.

Links <https://www.facebook.com/csitanpokhara> | [https://www.facebook.com/csitanpokhara](https://www.facebook.com/photo/?fbid=3003224179821892&set=bc.AbrIVPgmbH5-84VvhWGYtLlrSxXAuS0Wnr0D7HB3JsyS6a4WyLoEI32QDd5EFcMd9hdIOYIXI-fiB27DwfuBdTOB94YEq-VVkcBJqX3w7bWkpN25zYUEXNKXmNXiHKSd4_CPdK70DLHLEI7MpOc7oVyl2y6VfMsh9WpBBxJ0i_S5IAIX0Xg2JLBjg7C30SigaA&opaqueCuheF05Rzi2bEzhPfbGlfNv6emOq2Ev0VBkNHxwpyABNuSKuKlujlaNzdnAnJrXAooSZ-SjpnPIOMdfUf74zWcocX8HVF038_RU99KAUKpslDtGron6M9l_uzVjdcFQRiyyMczkgpBrmTHk7L2-qh6OvHfr1TeCSPIMR1K_iQn-i9_gqLbj6TN9-Ru0hDx_gxUBmBPYvVYDHu2Q6FPwPEpuuit06_ZYjZdWi1HBDgQ0_Yjr0FVca7V3efuUJ4h6qwHtZxo4Q_U2ya3QRWScsprlr-dmnlxA70Wg1_FXSTFLU9Tck_Zxhnj3ekHu1Nvn0D9GvawVCKrUeKJzH_ZcrzrZRpOlPZ1a3xtaX9A6ze4ePDDbDleUT3N5hVmlkKfxu25bTcm) | https://www.facebook.com/photo/?fbid=3003224179821892&set=bc.AbrIVPgmbH5-84VvhWGYtLlrSxXAuS0Wnr0D7HB3JsyS6a4WyLoEI32QDd5EFcMd9hdIOYIXI-fiB27DwfuBdTOB94YEq-VVkcBJqX3w7bWkpN25zYUEXNKXmNXiHKSd4_CPdK70DLHLEI7MpOc7oVyl2y6VfMsh9WpBBxJ0i_S5IAIX0Xg2JLBjg7C30SigaA&opaqueCuheF05Rzi2bEzhPfbGlfNv6emOq2Ev0VBkNHxwpyABNuSKuKlujlaNzdnAnJrXAooSZ-SjpnPIOMdfUf74zWcocX8HVF038_RU99KAUKpslDtGron6M9l_uzVjdcFQRiyyMczkgpBrmTHk7L2-qh6OvHfr1TeCSPIMR1K_iQn-i9_gqLbj6TN9-Ru0hDx_gxUBmBPYvVYDHu2Q6FPwPEpuuit06_ZYjZdWi1HBDgQ0_Yjr0FVca7V3efuUJ4h6qwHtZxo4Q_U2ya3QRWScsprlr-dmnlxA70Wg1_FXSTFLU9Tck_Zxhnj3ekHu1Nvn0D9GvawVCKrUeKJzH_ZcrzrZRpOlPZ1a3xtaX9A6ze4ePDDbDleUT3N5hVmlkKfxu25bTcm

● 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>