

Abhiral Dhakal

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Highly skilled and resourceful Software Engineer, equipped with a Bachelor's Degree in Computer Science and Information Technology. Demonstrated expertise in the design and development of innovative software solutions. Excels in dynamic environments, showcasing exceptional adaptability, flexibility, and a strong aptitude for effective collaboration and teamwork. A proven professional dedicated to delivering high-quality software products, I am passionate about staying abreast of emerging technologies and continuously enhancing my skills to meet the evolving demands of the industry.

WORK EXPERIENCE

Oct 2022 – Jan 2025 Software Engineer

NIC Asia Bank Ltd., Trade Tower, Thapathali, Kathmandu, Nepal

- Worked as a frontend developer to develop digital banking services, utilizing React and Typescript for development and Material UI for design. Responsibilities include developing features like document verification, mobile banking register, card services, teller services, trade services.
- Executed SQL commands for efficient database management using MySQL and MSSQL Server. Integrated systems through API generation to facilitate seamless communication. Optimized data performance, including strategic indexing for efficient retrieval and overall system efficiency.
- Developed mobile application using React Native, REST APIs, and Redux as state management, with styling using Tailwind CSS. The app includes functionalities like authentication, authorization, displaying training details, punch in/out features, notifications and various other banking services tailored for internal staff.
- Developed a Human Resource Management System (HRMS) using Microsoft Dynamics NAV, specifically for the internal staff of the bank. This system includes dedicated modules such as a Loan Module, Payroll Module, and features for managing attendance, leave, travel, overtime, transfer, appraisal, resignation and allowances.

May 2022 – Sep 2022 Frontend Developer

Smart Mission Technology (Smtech) Pvt. Ltd., Tinkune, Kathmandu, Nepal

- Engaged as a frontend developer with a focus on designing and developing the user interface of web applications, particularly within the context of an accounting system.

Dec 2020 – May 2022 Frontend Developer

Softech Foundation Pvt. Ltd., Mid-Baneshwor, Kathmandu, Nepal

- Worked as a frontend developer, specializing in designing and developing user interfaces for a range of web applications. My primary focus was on projects catering to the local government of Nepal, including an ERP system, accounting system,

ecommerce website, news portal, personal portfolio website, job portal, government website, census website, and other related initiatives.

Mar 2019 – Apr 2020 Frontend Developer

Mining Infosys Pvt. Ltd., Liwali, Bhaktapur, Nepal

- Worked as a trainee where I learned how to collaborate effectively in a team, utilized various project management tools, and gained experience in the process of developing web applications, encompassing marketing aspects.

RELEVANT SKILLS

- **Computer skills:** Programming Languages (C, C++, C#, PHP, JavaScript), Frameworks/Libraries (React, React Native, Next, .NET, Bootstrap, Material UI, Tailwind, JQuery, SCSS), Microsoft Dynamics NAV, Database (MySQL, MSSQL Server), Microsoft Office Package
- **Professional/Social:** Teamwork, Communication, Leadership, Problem-solving
- **Languages:** English (Professional), Nepali (native), Hindi (basic)

EDUCATION

2016 - 2020 Bachelor of Science in Computer Science and Information Technology (BSc CSIT)

Tribhuvan University, Institute of Science and Technology, Bhaktapur Multiple Campus, Bhaktapur, Nepal

Major Subjects: Discrete Structure, Microprocessor, Operating System, C Programming, Data Structure and Algorithms, Object Oriented Programming Language, Advanced Database Management System, Design and Analysis of Algorithms, Artificial Intelligence, Real Time System, Cryptography, Software Engineering, Web Technologies, Advanced Java Programming, Data Warehouse and Data Mining, Cloud Computing, Compiler Design and Construction, Information Retrieval, Geographical Information System

2014 - 2016 High School 10 +2 (Science)

Greenland Int'l Higher Secondary School, Higher Secondary Education Board (HSEB), Biratnagar, Morang, Nepal

Completed high school with major subjects including Physics, Chemistry, Computer Science, Mathematics, English and Nepali

2004 - 2014 School Leaving Certificate (SLC)

Morning Star School, Government of Nepal Board, Barahakshetra, Sunsari, Nepal