

# Abhiral Dhakal

📍 Copenhagen, Denmark

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Full-stack developer with 5 years of experience in web development. Skilled in building scalable apps, RESTful APIs, TDD, and accessibility standards. Familiar with Azure DevOps, quick to learn, and a proactive team player focused on delivering high-quality software and achieving project success.

## RELEVANT SKILLS

- **Frontend:** React.js, React Native, Typescript, Next.js, Redux, HTML/CSS, Tailwind CSS, SCSS, Bootstrap, Material UI, JavaScript, Webpack, JQuery, PWA
- **Backend:** Node.js, Express.js, C++, C#, .NET, PHP, Laravel, MySQL, MSSQL Server, MongoDB, JWT, Microservices, Microsoft Dynamics NAV
- **Tools:** Git, VS Code, Visual Studio, Postman
- **Other Skills:** RESTful APIs, CI/CD Pipelines, TDD, Accessibility (WCAG 2.2), Cross-Browser Compatibility, Agile Development
- **Languages:** English (professional), Nepali (native), Hindi (basic)

## WORK EXPERIENCE

**Oct 2022 – Jan 2025 Software Engineer**

**NIC Asia Bank Ltd., 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.

**Aug 2022 – Jan 2025 Teacher (Part-time)**

**ISMT College, Kathmandu, Nepal**

- Worked as a part-time faculty member for Programming and Website Design and Development module in ISMT College, associated with University of Sunderland, UK.
- Conducted classes, assessed assignments, developed course materials, and participated in academic discussions.

**May 2022 – Sep 2022      Frontend Developer**

***Smart Mission Technology (Smtech) Pvt. Ltd., 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., 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., 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.

## **EDUCATION**

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**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

**2001 - 2014      *School Leaving Certificate (SLC)***

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