

# Utsab Adhikari

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## EXPERIENCE

### Lastdoor Solutions, Kathmandu – Full Stack Developer

(part time) Jan 2025 – Jan 2026

- Built an interactive, workflow-based UI for configuring and visualizing **ETL processes**, using **Carbon Design System**, **Carbon Icons**, and **Lucide icons**.
- Developed frontend components to display extracted, transformed, and loaded data clearly within the application.
- Integrated **SignalR** to provide real-time updates in the UI for ETL execution status and live workflow changes.
- Collaborated with backend and data teams to ensure smooth data flow and an intuitive user experience for ETL-driven features.

### Xylontech, Kathmandu – Software Engineer I

Jan 2025 – Present

- Took the lead on important parts of the timecard and construction management systems.
- Improved backend services to make APIs faster and more efficient.
- Integrated Azure AI services to enhance system features with intelligent solutions.
- Helped and guided junior developers by reviewing their code and sharing best practices.
- Made the user login system more secure by improving Azure AD integration.
- Developed a chatbot using Azure AI services that answers zoning-related questions for different U.S. states.
- Implemented interactive 3D visualizations using Three.js to improve user experience in the construction management system.
- Worked closely with product managers and testers to plan and deliver features faster.
- Added unit and integration tests using JEST to catch issues early and make the code more reliable.

### Xylontech, Kathmandu – Associate Software Engineer

Feb 2023 – Jan 2025

- Developed and maintained a timecard management system tailored for a US federal government client, ensuring secure and efficient handling of user timecard data.
- Migrated legacy **VBScript logic** to modern **.NET backend services and React front-end components**, enhancing system performance, maintainability, and user experience.
- Built dynamic and user-friendly interfaces using React.js, Redux Toolkit, RTK Query, and Kendo React UI, adhering to best practices for responsive and accessible design.
- Designed and implemented backend APIs and services in .NET, utilizing Dapper ORM for database interactions with Microsoft SQL Server.
- Integrated Azure AD Authentication to ensure secure and compliant user access.
- Contributed to a construction management system tailored for a US client, focusing on delivering customized solutions to meet client needs.

- Collaborated with cross-functional teams to define project requirements, debug and optimize code, and deliver features on time.
- Actively participated in SCRUM events for project management.

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## SKILLS

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**Languages :** *JavaScript, TypeScript, C#, SQL, C, C++, HTML, CSS*

**Technologies/Framework :** *React, ThreeJS, .NET, NEXT, Express, MongoDB, Entity Framework,*

**Tools :** *Git, Postman, Swagger, Azure Boards*

**Personal :** *Team player, Communication, Problem Solving*

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## EDUCATION

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**Tribhuvan University | Bachelor's in Computer Engineering**

**Dharan, Nepal | 2019 – 2023**

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## Personal Projects

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- **Job Candidate Hub API** -> *Job Candidate Hub API is a .NET-based RESTful API designed to manage job candidate profiles by creating and updating contact information in a scalable SQL database. Built with Clean Architecture, it supports efficient data handling and future extensibility for large volumes.*  
<https://github.com/utsab1231/JobCandidateAPI>
- Token Extractor Chrome Extension -> *An extension for extracting the tokens. If you are tired of going to dev tools and copying the token to use for API calls. Then, use this extension to automatically copy the token to your clipboard.* [Token Extractor Chrome Web store](#)

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## CERTIFICATES

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- **Responsive Web Design** – *FreeCodeCamp*  
[https://www.freecodecamp.org/certification/Utsab\\_Adhikari/responsive-web-design](https://www.freecodecamp.org/certification/Utsab_Adhikari/responsive-web-design)
- **JavaScript Algorithms and Data Structure** – *FreeCodeCamp*  
[https://www.freecodecamp.org/certification/Utsab\\_Adhikari/javascript-algorithms-and-data-structures](https://www.freecodecamp.org/certification/Utsab_Adhikari/javascript-algorithms-and-data-structures)
- **Problem Solving (Intermediate)** – *HackerRank*  
<https://www.hackerrank.com/certificates/924614be8050>
- **REST API (Intermediate)** – *HackerRank*  
<https://www.hackerrank.com/certificates/22dd037f96d3>

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## REFERENCES

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Rabin Sapkota

Bhuwan Subedi

Xylontech

Sr. Software Engineer

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Xylontech

Software Engineer II

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