





# Avash Bhandari

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Experienced ASP .NET developer adept in frontend and backend development using React and .NET Core. Proficient in crafting high-quality web applications. Seeking opportunities to leverage skills and contribute effectively in software development roles and opportunities.

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## WORK EXPERIENCE

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### Codeology Tech

.NET | React Developer

September 2023 – May 2024

Kathmandu, Nepal

- **Project:** Fonkka Dating App
  - Developed efficient APIs with .NET Core and PostgreSQL for seamless data handling and frontend integration.
    - Designed and maintained the backend API using .NET Core, integrating it with PostgreSQL for data management.
    - Developed new APIs to support seamless frontend-backend communication and resolved issues in existing APIs.
    - Managed PostgreSQL, handling data manipulation tasks such as table creation and updates.
  - *Technologies Used:* .NET Core 6, C#, Postgres, Git, Github.
- **Project:** Amusement Park Management System
  - Built a seamless full-stack solution with a React.js frontend and a .NET backend API for efficient frontend-database communication.
    - Developed the frontend with React.js, integrating HTML, CSS, and JS code provided by the graphic designer.
    - Collaborated closely with the graphic designer for smooth integration of design assets.
    - Architected and managed the backend API in .NET to ensure seamless communication between the frontend and database.
  - *Technologies Used:* .NET Core 6, C#, Postgres, React.js, Git, Github.

### Sarvanam Software

.NET Internship

June 2022 – December 2022

Kathmandu, Nepal

- **Project:** Hotel Management System
  - Enhanced a hotel management system by developing new ASPX pages, creating efficient stored procedures, and resolving system bugs using .NET (Webform) and MSSQL.
    - Developed new ASPX pages to implement additional features and enhance existing pages with supplementary functionalities.
    - Created stored procedures for efficient data manipulation in the backend.
    - Resolved issues in current stored procedures to ensure smooth operation.
  - *Technologies Used:* .NET (Webform), C#, Store Procedure, Git, Github, MSSQL, jQuery, Ajax
- **Project:** School Management System
  - Worked on a school management system with ASP.NET Web Forms and MSSQL, implementing stored procedures and updating features.
    - Addressed system bugs identified during communication with the QA team.
    - Enhanced and maintained a school management system by integrating new features and frontend pages.
    - Utilized .NET (Webform) and MSSQL technologies for backend data management.

- *Technologies Used:* .NET (Webform), C#, Store Procedure, Git, Github, MSSQL, jQuery, Ajax

## FREELANCING & ACADEMIC PROJECTS

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### BlueBox

March 2024 – May 2024

- Created a static website with React to improve user experience and optimize performance.
- Utilized React's component-driven structure to achieve modularity and scalability.
- Migrated the codebase from Create React App to the latest version of React Vite.
- Resolved a Tailwind CSS bug, implemented design changes according to client specifications, and completely revamped the "Contact Us" page.
- Link: <https://planb-1a83c.web.app/>

### Furniture App

March 2024 – April 2024

- Developed APIs using Node.js, Sequelize, and PostgreSQL to fulfill specific client requirements.
- Designed and architected the backend database structure to ensure optimal performance and scalability.
- Utilized Sequelize as an Object-Relational Mapping (ORM) tool to facilitate seamless connectivity between Node.js and PostgreSQL.
- Implemented APIs in the backend effectively communicated with the frontend built in Flutter, including bug fixes.
- Link: <https://github.com/Avashbhandari01/NodeJS-Ecommerce-API>

### Guardian Portal System

October 2022 - April 2023

- The Guardian Portal System is an online platform enabling parents to track their child's academic progress, including marks, attendance, and teacher remarks.
- The system includes a chat feature for direct communication between parents and teachers regarding student's progress and concern.
- Parents can monitor their child's fee status and attendance based on monthly data.
- Report generations based on patient's medical histories for medicine purchases and laboratory diagnosis.
- Link: <https://github.com/Avashbhandari01/Final-Year-Project>

## EDUCATION

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### London Metropolitan University

March 2021 – December 2023

*Islington College - BSc (Hons) Computing*

*Kathmandu, Nepal*

- **Result:** First Class Honors
- **Reference:** Mr. Hrishav Tandukar, [hrishav.tandukar@islingtoncollege.edu.np](mailto:hrishav.tandukar@islingtoncollege.edu.np)

## CERTIFICATIONS, SKILLS & INTERESTS

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- **Accreditations:** LinkedIn Learning Certifications
- **Technical Qualifications:** Web Development (React) & Database Management (SQL Server & PostgreSQL), API Development (using Swagger Documentation & Postman), Microsoft Office 365, Git, Version Controls (GitHub).
- **General Qualities:** Problem-Solving, Adaptability, Teamwork & Collaboration, Researching & Googling
- **Interests:** Web Surfing; Artificial Intelligence; Reading; E-Sports.