

AMRIT RAJ BISTA

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OBJECTIVE

I did my undergraduate studies in engineering at Kantipur Engineering College and I am currently awaiting the results. My professional goal is to pursue a career as a software engineer, and I have a strong understanding of object-oriented programming (OOP) principles. I am familiar with working in multiple programming languages, such as C#, JavaScript, and C++. Additionally, I have experience in working with non-relational databases with JavaScript frameworks such as React and Node, as well as CSS along with frameworks like Tailwind CSS and Material UI. Also, I have a solid understanding of C# and relational databases.

Over the past six months, I have been actively learning C# and .NET Core. During this time period, I have explored various concepts, including data types, conditional statements, looping, data structures, functions, exception handling, static and abstract classes, interfaces, method overriding, method overloading and extension functions. Additionally, I have good knowledge of OOP and understandable level knowledge of SOLID principles. I have worked on projects involving class libraries, Razor Pages, MVC, and WebApi. Additionally, I am familiar with Entity Framework and have basic knowledge of unit testing frameworks like Xunit. Examples of my work can be found on GitHub in my C# and ASP.NET repositories: [C# Code](#), [ASP.Net Code](#), and I aim to excel in the fintech domain.

EDUCATION

Bachelor of Computer Engineering, Tribhuvan University

2019 - Expected 2024

Relevant Coursework: Theory of Computation, Object Oriented Programming, Microprocessor, Data Structure and Algorithm, Computer Organization and Architecture, Object Oriented Analysis and Design, Database Management System, Operating System, Artificial Intelligence, Computer Network, Distributed system

SKILLS

Languages: C#, JavaScript, SQL, TypeScript C++

Libraries: React, Entity Framework, Selenium, BeautifulSoup, Node

Frameworks: Asp.Net core, Express, Tailwind CSS, Material UI

Developer Tools: Git, Linux, MongoDB

EXPERIENCE

Frontend Developer

Nov 2023 - April 2024

AAJ Property LLC

Damac Smart Heights, Dubai

As a frontend developer, utilizing technologies such as TypeScript, MongoDB, React and SWR. Throughout the process, I worked with CSS frameworks like Sass to create and enhance various user interface designs, implementing functionalities. Additionally, I integrated pagination and dynamic loading, and utilized Material UI for embedding functional components.

PROJECTS

Ecommerce | *Asp.Net WebApi, Entity Framework, MediatR, Jwt Authentication, Serilog, Xunit* June, 2024
Ecommerce backend project in CQRS architecture with multiple user logins, token generation using JWT, and communication between different modules implemented with the help of MediatR. Logging is implemented using Serilog. The project includes functionalities such as allowing an admin to change user roles to vendor or customer, vendors to list products, and customers to view products and add them to the cart. Serilog is used to track unauthenticated logins and the creation, updating, and deletion of items or user details. Test cases were written with XUNIT. [Code](#)

Invest IQ | *Asp.Net WebApi, Entity Framework* May, 2024
A backend project built with Asp.Net Web Api that features performing CRUD operations on stock and comments, where stock and comments have a one-to-many relationship. This project also incorporates concepts of data validation, DTOs, mapper, and repository pattern. Used query object to filter the data, and sort them and also to implement pagination. [Code](#)

Blog Site | *MERN, Sass, Jwt Authentication* Dec, 2023
Made a blog with MERN stack and secured the logins using JWT. Creators can create, edit and delete the specific post, while others can read posts. Used React for the frontend and hooks like usestate, useeffect, and usecontext, along with reactrouterdom for routing. Used bcrypt to hash the password before storing in database, stored images with multer, and managed operations with jsonwebtoken and cookies. [Code](#)

Hotel Management System | *Python, Sql* Feb, 2022
This application provides a comprehensive solution for managing different types of rooms within the hotel, and also room occupancy status. It stores and manages guest information also provided an easy guest check-in and check-out process. Building this project helped me to learn about Python and SQL. [Code](#)

Nepse Data Scraper | *Python, Selenium, Pandas* Feb, 2022
Built with Python, Selenium and Pandas and DOM concepts, this program obtains data from sharesansar.com and creates a CSV file named after the company name or symbol. [Code](#)

TRAINING/CERTIFICATIONS

- **CSharp Mastercourse by Tim Corey:** Out of 77 hour course, I have covered C#, data structures, OOP(including Access modifiers, Inheritance, Method Overloading, Method Overriding, Abstract Class, Interface), Entity Framework, Linq, Asp.Net Core (Console, MVC, WEB API). Also, basics of Xunit, Dapper and Store Procedure.
- **.Net Full Stack Foundation:** 16- hour course from Coursera covering concepts of C Sharp (C#), ASP.Net Fundamentals and Architecture, ASP.Net Core.
- **Backend Development using ASP.Net:** 17- hour course from Coursera covering concepts of C Sharp (C#), Web Api, MVC and RESTful Api.
- **MERN stack:** Training conducted by Techaxis from December 14, 2022, to March 23, 2023.
- **React JS:** 30-hour training conducted by Kantipur Engineering College, instructed by Broadway in July 2021.