

Bishesh Shrestha

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EXPERIENCE

Constructor University, Bremen – Working Student Full Stack Developer

December 2023 - June 2024

- Built and deployed a dynamic blog platform for the Ocean Lab, using ReactJS for the frontend and ExpressJS for the backend
- Implemented secure Authentication and Authorization using JWT
- Designed MongoDB schemas with Mongoose for efficient data storage
- Integrated Firestore Storage for uploading and store images in blog posts
- Managed user state and theme using Context API

Rasdaman GmbH, Bremen – Software Engineer Intern

July 2023 - August 2023

- Redesigned the rasdaman website, focusing on improving visual appeal and responsiveness using HTML, CSS and JavaScript
- Gained proficiency in understanding and implementing RESTful APIs, to enable seamless communication between client and server
- Automated Sentinel data downloads with Python scripts, optimizing improving the retrieval speed by 40%
- Built a user-friendly interface for constructing complex queries without needing to write raw code, making it easier for non-technical users

PROJECTS

Portfolio Website

- Portfolio Website containing my information and showcasing my projects

E-Commerce App

- Developed an e-commerce application using NextJS, enabling users to create accounts, search for items, add to cart, checkout, and place orders
- Integrated Wix Headless for seamless and secure authentication and authorization
- Utilized 'zustand', a lightweight state management tool to handle cart state and actions

Full Stack Blog App

- Created a blog application with NextJS and MongoDB, enabling users to create accounts, write blog posts, and post comments.
- Integrated Authentication and Authorization using Google API & Auth.js
- Implemented Prisma with MongoDB to design schemas and store data
- Added advanced text editor functionalities using react-quill library

Please Touch This Art – Founder

- A project aimed at improving art accessibility for the visually impaired
- Creating 3D tactile models of paintings using image recognition, 3D modeling software and 3D printing to produce high quality touchable art

SKILLS

Programming Languages

JavaScript/TypeScript, NodeJS, Python, HTML, CSS,

Frameworks

ReactJS, NextJS, ExpressJS, TailwindCSS, Bootstrap, AngularJS

Databases

MongoDB, Mongoose, Prisma,

Tools and Technical

Git, Firebase, Figma, JWT, React Redux, Restful APIs, CRUD Operations

EDUCATION

Bachelor of Computer Science

Jacobs University 2021-2024

Relevant Courses:

Database and Management Systems, Algorithms and Data Structures, Operating Systems Software Engineering

LANGUAGE

English (Fluent)

German (B1)

Nepali (Native)

AWARDS

[The Future Innovation Lab 4th Edition](#) – Winner