

Bishesh Shrestha

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EXPERIENCE

Please Touch This Art, Bremen – Founder

December 2023 - Present

- Lead a startup creating 3D tactile models of paintings for the blind and the visually impaired using image recognition, machine learning, 3D modeling software and 3D printing to produce high quality touchable art.

Constructor University, Bremen – Working Student Full Stack Developer

December 2023 - Present

- Developed a dynamic blog platform for Ocean Lab, integrating ReactJS and TailwindCSS increasing user engagement
- Integrated Firebase backend, streamlining data management process, enabling seamless blog uploads and deletions.
- Enhanced app security by implementing robust authentication and authorization protocols using Firebase

Rasdaman GmbH, Bremen – Software Engineer Intern

July 2023 - August 2023

- Led the development and maintenance of responsive web pages, resulting in a 20% increase in user engagement
- Seamlessly integrated Sentinel data downloading functionality using APIs, improving data retrieval speed by 60%
- Added features and functionality to Rasdaman's web application dashboard, resolved tickets, ensuring smooth operation

EDUCATION

Constructor University, Bremen, Germany – Bachelors in Computer Science

September 2021- June 2024

Relevant Courses: Databases and Web Services, Software Engineering, Algorithms and Data Structures, Artificial Intelligence, C/C++, Operating Systems

PROJECTS

Portfolio Website

- Portfolio Website containing my information and showcasing my projects

E-Commerce App

- E-Commerce application built using NextJS, allowing users to add items to cart, login, checkout and place an order
- Implemented Wix Headless to handle server side, for inventory and cart management, OAuth and payment methods

SKILLS

Programming Languages

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

Frameworks

ReactJS, NextJS, ExpressJS, TailwindCSS, Bootstrap

Tools

Git version control, Firebase

Technical

React Redux, Restful APIs, PostgreSQL

LANGUAGE

English (Fluent)

German (B1)

Nepali (Native)

AWARDS

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