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

Food Order App

- Developed a food order application using ReactJS and NodeJS, allowing users to add/remove items, checkout and place an order
- Implemented Redux to handle adding/removing items from cart and updating quantities

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