Deepak Pal

A dynamic and results-driven **Full Stack Developer** with proficiency in **React** and **Node.js.** Passionate about creating visually appealing, user-friendly, and effective websites.In search of a position that will allow me to use my versatile technical skills, creative problem-solving ability, as well as my passion for delivering extraordinary user experiences while continuously learning and growing as a professional.

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TRAINING EXPERIENCE

Web Development Trainee
AlmaBetter ↗

10/2022 - 09/2023　　　　　　　　　　　　　　　　　　*Bangalor(Remote)*

Skills: MERN, Search Engine Optimization, DSA, Monitoring, Team work, Business Communication

- Gained hands-on experience in **front-end** with **back-end** programming languages and tools such as **Node.js** and using databases such as **MongoDB.**
- Created and optimized web applications, utilizing **front-end frameworks** like **React** and **back-end frameworks** like **Express**.
- Learned about best practices , including **user authentication** and **data encryption** , to develop and deploy high-quality and **secure web applications**.
- Secured a place in the **top 5%** of students in the cohort of **100** students, and worked as an **SME.**

ACADEMIC PROJECTS

Reserve Bus-booking Web
AlmaBetter Verified Project ↗

Tags: MERN, Location API, Redux - Thunk, Axios, Efficiency, Validation

- Developed a **bus ticketing platform** that allows users to search for, book, and manage.
- Implemented **ReactJS** and **Bootstrap** for **front-end** development and **React-Redux** for **state management.**
- Used **NodeJS** , **MongoDB** for **Back-end** development and **Stripe** as **payment gateway** method.
- The implementation of validation and comprehensive testing resulted in a **30%** reduction in the project's **time complexity**, leading to improved project efficiency.

Flashcard Generator
AlmaBetter Verified Project ↗

05/2023 - 06/2023

Tags: Agile, CRUD, Testing Efficiency, Responsive UI/UX

- Implemented **agile methodology** for designing, analyzing, and developing the frontend project. The entire project was planned out as a single sprint of **3 weeks**.
- This application has the ability to **create** new Flashcard, **access** created Flashcard, **delete** created Flashcard, **control their visibility** and **share** Flashcard via share link. Utilized **React**, **Redux-thunk**, **Formik** and **localStorage** to manage data, **React-router** for routing, and **Material UI** for component development and responsive design.
- Improved project **efficiency** by implementing validation on all the existing input fields, and extensive testing was carried out, reducing the project by **25%.**

Get Youtube Subscribers
AlmaBetter Verified Project ↗

06/2023 - 07/2023

Tags: HTTP request, Postman, Time Complexity, No-SQL Database

- Designed and developed a **REST API** that performs the **GET method**. Two operations were performed: **Fetching** a list of all the dummy data, Fetching a particular dummy data based on the given ID from the Youtube Subscribers list.
- Utilized **NodeJS** and **ExpressJS** for API creation and **MongoDB** for storing and fetching the data.
- Improved project efficiency by implementing **API documentation** and testing using the **POSTMAN** tool. Also, extensive code improvement was carried out, reducing the project's time complexity by **10%-15%.**

TECH STACK

Languages & Tools
HTML5, CSS3, JavaScript, Python, SQL

Libraries & Frameworks
React,Next.js, Node.js, Express.js, Tailwind CSS, MaterialUI

Group Name
VS Code, IntelliJ, AWS, MongoDB Atlas, Netlify, Render, GitHub, Postman

RELEVANT COURSEWORK

Reserve Project by AlmaBetter (08/2023 - 09/2023) ↗
Build a Web Application similar to RedBus.

Course Certificate for Full Stack Web Development (09/2023) ↗
AlmaBetter

Course Certificate for The Complete 2023 Web Development Bootcamp(09/2023) ↗
udemy

EDUCATION

B.tech in Information Technology
U.I.E.T Kanpur ↗

CGPA - 5.05 || 00/2016 - 10/2022

Senior Secondary School (XIIth)
G.D.G.M.I.C Nanakri IIT Kanpur

Percentage - 69.6% || 2014-2015

Higher Secondary School (Xth)
G.D.G.M.I.C Nanakri IIT Kanpur

Percentage - 77.7% || 2011-2012

INTERESTS

Cricket　　Running　　Yoga

Meditation　　Listening to satsang

Teaching Children