

# Pushkar Verma

MERN Stack Developer

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## TRAINING EXPERIENCE

### Web Development Trainee AlmaBetter

04/2022 - 03/2023

Bangalore (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 App 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.

### Quiz Platform App AlmaBetter Verified Project

08/2022 - 09/2022

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 quizzes, **access** created quizzes, **delete** created quizzes and control their visibility. Utilized **React**, **Redux-thunk**, and **localStorage** to manage data, **React-router** for routing, and **Material UI** for component development and responsive design.
- Improved project **efficiency** by **25%** by implementing validation on the input fields.

### Full Stack Facebook Clone Self made Project

10/2022 - 11/2022

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

- Created a **user-friendly** & real-time **web sockets** based platform allowing to create new users and log them in using **JSON web token** authentication.
- Utilized **NodeJS** and **ExpressJS** for API creation and **MongoDB** for storing data. For responsive designing, **Tailwind** is used. **ReactJS** is used for the front-end UI/UX Design.
- Implemented real-time posts creation using web sockets with **like**, **comment** and **delete** functionality just like Facebook which has real users using it.
- Improved project efficiency by implementing **API documentation** and testing using the **POSTMAN** tool. Also, it reduced the project's **time complexity** by **15%**.

## TECH STACK

### Expertise in Languages & Tools

HTML || CSS || JavaScript || Java || GitHub || MongoDB

### Libraries & Frameworks

ReactJS || NodeJS || ExpressJS || TailwindCSS ||  
Framer Motion

### Platform

VS Code || Heroku || AWS || Postman

## ACHIEVEMENTS

Voluntary Blood Donation (2019 - Present)

PGI Hospital, Chandigarh

Awarded Player of the Tournament - Inter  
College Basketball Tournament (2020)

Panjab University

## RELEVANT COURSEWORK

Reserve Project by AlmaBetter (01/2023 -  
02/2023)

Built a Web Application similar to RedBus.

React - The Complete Guide (incl. Hooks, React-  
Router, Redux) (09/2022)

Udemy

Design & Visualization (08/2019 - 10/2021)

Arena Animation

## EDUCATION

### B.Arts (General)

Panjab University

CGPA - 8.9 || 2018-2022

### Senior Secondary School (XIIth)

National Institute of Open Schooling

Percentage - 55.6% || 01/2017 - 03/2019

## INTERESTS

Travelling

Cooking

Basketball

Art