Buzualem Abebe

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Project experience

smart -parking -system

I created a smart parking system web app to simplify the parking finding and booking process for users. It reduces time wasted trying to find and book parking, while also improving the experience for admins managing the parking.

I built an easy-to-use front-end with React.js, added a map using Leaflet.js, and styled it up using CSS to provide real-time availability of spots and booking options for the user.

I built out the back-end with Node.js, Express.js, and MySQL, and included additional features like dynamic pricing (50% more when busy), automatic refunds (75% if users don't show), and spot status updates to captures real-time parking.

I integrated the app with Twilio, to send SMS notifications to users for immediate booking confirmations, friendly reminders, and changes to their booking in the case of a cancellation.

I created a simple dashboard for admins to monitor bookings, updates the status of the spots, and report the returns all in one space.

I used Vite to speed up the front-end development process, and Axios for the API calls to streamline the app for the user and future enhancement.

Job finder

I Created JobFinder, a web app to help people easily find and apply for jobs while connecting employers with the right talent,and making the job search process smoother for everyone.
I Built a clean and friendly frontend with React.js, adding features like job search filters and a simple application form, so users can find their dream job with just a few clicks.
I also used the backend using Node.js and Express.js, paired with MySQL to store job listings, user profiles, and applications, ensuring everything runs fast and stays organized.
I am Added a feature where employers can post jobs and review applications, while job seekers get email notifications for new job matches, keeping everyone in the loop.
I Loved designing the app to be user-friendly, with a dashboard for both job seekers and employers to track their activity, making the whole experience feel seamless and stress-free.
And I Used tools like Axios for smooth API calls and Vite to speed up development, ensuring the app is quick, reliable, and ready to grow with more users.

Socialmedia

I create fun and engaging social media platform where users can connect, share posts, and chat with friends, bringing people closer together in a digital space.

Also I Crafted a sleek and modern frontend using React.js, making the app fast and interactive, so users can easily browse feeds, post updates, and like or comment on their friends' posts.

I Styled the platform with Tailwind CSS, giving it a fresh, clean look with responsive designs that work beautifully on both phones and desktops, ensuring everyone has a great experience.

And I Added features like real-time notifications for new messages and post likes, making the app feel lively and keeping

users in the loop with their social circle.

I Loved creating a user-friendly interface with a focus on smooth navigation, like a profile page where users can show off their posts and a chat window for quick conversations.Used React hooks and state management to keep everything running smoothly, ensuring the app is both fun to use and reliable, even with lots of activity.

Education

Wollo University., Software Engineering

<div align="right">August 2015 - April2017
Ethiopia, Adama</div>

SKILLS

Languages: Python, JavaScript,Nodejs,C++, Java; Frameworks: Express, React; Tools:jQuery, Unix, Git, Selenium; Databases: SQL (PostgreSQL, MySQL), NoSQL, AWS