LAKSHYA KHANDELWAL

MERN stack , NEXTJS , Devops

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PROFILE

Full Stack Developer with a strong foundation in high-performance web applications. Skilled in Next.js, React, and TypeScript for frontend, with expertise in Node.js, Prisma, and PostgreSQL for backend scalability. Enthusiastic about improving performance, security, and accessibility in modern web applications.

PROJECTS

Web-Builder | ReactJs , NodeJs , TypeScript , WebContainer , TailwindCSS , Google Generative API Key *GitHub*

📌 **A full-stack website builder enabling users to create and customize websites effortlessly.**

✓ In-browser code execution using **WebContainer** for live previews.

✓ **Google Generative API** integration for AI-assisted content generation.

✓ Responsive UI with TailwindCSS for a seamless user experience.

Discuss Application | NextJs , NextAuth vai GitHub , Prisma SQLite , TailwindCSS , Zod , ShadCN *LIVE* *GitHub*

📌 **A full-stack discussion platform where users can create posts and discuss topics.**

✓ User authentication with GitHub OAuth.

✓ Complete create, edit, and delete functionality implemented .

✓ Minimalist and responsive UI.

Blogging website | ReactJS , Hono , TypeScript , Postgress , TailwindCSS , Authentication , JWT , Zod *LIVE* *GitHub*

📌 **A full-stack blogging website with authentication and database-driven content.**

✓ **JWT**-based user authentication.

✓ Rich text editor for writing blogs.

✓ **Minimalist UI** with a responsive design.

TECHNICAL SKILLS

Languages : C , C++ , JavaScript , TypeScript

FrameWork : ReactJS , NodeJS , HonoJs ExpressJS , NextJs , TailwindCSS

DataBase : MongoDB , Postgress

Libraries : Redux , ShadCN

Other : Git , GitHub , Docker , AWS , CI/CD

PUBLICATION *Link*

Lakshaya Khandelwal , Rhythm Sharma, Lovenesh Giri Goswami, Mehul sagotia and Charu Kavadia. "**Potato Plant Disease Detection Using CNN**." International Advanced Research Journal in Science, Engineering and Technology,2024 ,8

- Presented at ICMART-2024, our research employs supervised learning achieving 96% accuracy for "Potato PlantDisease Detection".
- Leveraging Convolutional Neural Networks (CNNs) and libraries like TensorFlow, OpenCV, and K-Means clustering, we preprocess and classify images into early blight,healthy, and lateblight states.
- Our user-friendly flutter application interface enables streamlined diagnosis, with continuous enhancements to accuracy and usability.

EDUCATION

Bachelor of Computer Science **2023 - Present**

Geetanjali Institute of Technical Studies Current CGPA - 9.21

- Relevant coursework in Computer Science

Secondary School **2020-2022**

St. Matthew's Mission School Percentage - 82%