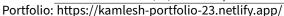
Kamlesh Patel

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Motilal Nehru National Institute of Technology (MNNIT), Prayagraj (Allahabad), India

B.Tech. in Mechanical Engineering

S.I.C. Mungra Badshahpur Jaunpur, India

Intermediate(Math) UP Board

S.I.C. Mungra Badshahpur Jaunpur, India

High School UP Board

TECHNICAL SKILLS

Core Programming: C, C++, Data Structures & Algorithms, Object-Oriented Programming

Database Technologies: SQL, MongoDB, DBMS

Frontend: React.js, JavaScript, HTML5, CSS3, Material-UI

Database Technologies: SQL, MongoDB, DBMS

Backend: Node. js, Express. js

Tools & Technologies: Git, RESTful APIs, Socket.io, Redux Toolkit, JSON, Problem-Solving, Debugging, Root Cause Analysis

EXPERIENCE

Professional Experience | Recent Graduate/Fresher (2024)

Practical Experience | 1+ years hands-on experience | portfolio | coding profile

PROJECTS

https://kamlesh-portfolio-23.netlify.app/

E-Commerce Web Application | React, Node.js, Express, MongoDB, JavaScript, Redux Toolkit, Razorpay API, Git

Created a fully responsive e-commerce platform for diverse products, ensuring an optimized user experience across devices.

- Built the front end using React and JavaScript, with dynamic and interactive UI components to enhance user engagement.
- Designed and applied the back-end architecture using NodeJS and Express, ensuring efficient API communication and secure data management with MongoDB which reduced search errors by 35% by enhancing the product search feature.
- Incorporated the Razorpay payment gateway API for secure, real-time payment processing, enhancing the user checkout experience.
- Executed comprehensive state management with Redux Toolkit (RTK), enabling consistent and efficient data flow throughout the application. Project Link – https://e-commerce-kp.vercel.app/

Authentication & Authorization: Secure user login, registration, and session management.

Admin Dashboard: Full control over product management, order tracking, and user administration.

Password Reset: Engineered a secure password reset mechanism utilizing email verification to ensure robust account protection and user identity confirmation.

Product Review & Rating: Interactive customer reviews with star ratings for better product insights.

Real-Time Web Chat Application | ReactJS, Node.js, Express, JavaScript, Socket.io, Git

Dec 2023

- Pioneered a responsive group chat application with React and Socket.io, enabling real-time messaging and seamless group communication across devices.
- Built the server using Node. is and Express, integrating Socket. io for efficient real-time communication between users with minimal latency.
- Innovated user authentication and authorization for secure access, ensuring that only registered users can participate in group chats.
- Optimized the app's performance to handle multiple concurrent users, providing a seamless experience in active chat environments. Project Link – https://web-chat-app-kp.vercel.app/
- Key features:

Real-Time Messaging: Instant message delivery with user connection/disconnection status updates in real time.

Avatar Functionality: Users can upload and display personalized avatars during chat sessions.

Password Reset: Secure password reset functionality, enhancing user account security.

Connection Status Alerts: Notifications for users joining or leaving the chatroom for better group engagement.



July 2024

CPI: 7.3/10

June 2017

May 2015

73.80%/100

87.83%/100

June 2024

Inventory Management Application | MERN Stack, Redux Toolkit, Cloudinary, Multer, JavaScript, Git

Nov 2023

- Competed a responsive inventory management system using the MERN stack, allowing users to efficiently track, manage, and update product quantities.
- Modernised the front-end with React and JavaScript for dynamic user interaction, delivering a seamless and intuitive user experience.
- Merged the back-end with Node.js and Express, enabling robust API handling and database management with MongoDB to store and manage product data
- Streamlined state management using Redux Toolkit (RTK), ensuring smooth and efficient data flow across the application for a consistent user experience. Project Link – https://inventory-kp.vercel.app/
- Key features:

Product Tracking: Add, update, and remove products with real-time updates on available stock quantities. Cloud-based Media Management: Blended Cloudinary for secure, cloud-hosted product image storage and retrieval. File Handling: Combined Multer for efficient file uploads and management on the back-end, streamlining the process of handling product images.

YouTube Clone Application | React, Material-UI (MUI), JavaScript, HTML5, CSS3, Axios, YouTube Data API, Git

Sept 2023

- Developed a fully responsive YouTube Clone using React and Material-UI (MUI), recreating the core functionalities and user interface of YouTube.
- Leveraged the YouTube Data API to dynamically fetch and display video data, allowing users to browse, search, and view video content seamlessly.
- Operated Axios for smooth and efficient integration with the YouTube Data API, handling HTTP requests and ensuring real-time updates.
- Enforced front-end design with HTML5, CSS3, and modern JavaScript (ES6+), ensuring clean, maintainable code and fast loading times. Project Link – https://youtube-clone-kp.netlify.app/
- Key features:

Video Search & Playback: User can search for videos, view thumbnails & play videos with a responsive embedded player. Dynamic Video Data: Fetch video metadata such as titles, views, and channel details in real-time from the YouTube API. Responsive UI: Implemented a sleek and modern UI with Material-UI (MUI), ensuring a consistent experience across devices.

Pokédex Application | React, Axios, PokeAPI, JavaScript, HTML5, CSS3, Git

June 2023

- Developed an interactive and responsive Pokédex app using React, offering a comprehensive tool for Pokémon enthusiasts to search and manage Pokémon data.
- Integrated with the PokeAPI to fetch real-time data for over 800+ Pokémon, including attributes such as name, type, abilities, and stats.
- Utilized Axios for seamless API communication, ensuring fast and efficient data retrieval and display.
- Implemented front-end design with HTML5, CSS3, and JavaScript, ensuring a smooth, user-friendly interface and maintainable code. Project Link – https://pokedex-web-app-kp.vercel.app/
- Key features:

Search Functionality: Users can search for Pokémon by name or ID, with instant results and detailed information displayed. Bookmarking: User can bookmark their favorite Pokémon and manage their personal collection within the app. Responsive Design: Unified for optimal user experience across devices, with a clean, mobile-friendly interface.

AWARDS, CERTIFICATIONS & ONLINE TRAININGS

Got qualified in GATE Exam (India-Level) 3rd year- B.tech(MNNIT)	2021
Have been a scholar of the Foundation For Excellence (FFE).	2018-2021
Got qualified in both JEE-Main & JEE- Advanced (India-Level) after Class 12th	2018
2nd Position in MKC Talent Hunt (State-Level) MKC Talent Hunt - Class 12th	2017
Awarded a laptop by the U.P. Board for academic excellence (State-Level) Class 10th	2015
1st Position in Competitive Scholarship Exam (Town-Level) Class 10th	2015
2nd Position in Competitive Scholarship Exam (Town-Level) Class 9th	2014
TCS iON NQT-IT: Qualified the TCS National Qualifier Test (NQT)	Oct 2024
TCS iON NQT - Psychometric: Achieved certification in the TCS iON National Qualifier Test (NQT)	Oct 2024
Internet History, Technology, and Security (Online training) 3rd year- B.tech(MNNIT)	2021
Entrepreneurship (Online training) 3rd year- B.tech(MNNIT)	2020
AI, ML, IOT (Online training) 3rd year- B.tech(MNNIT)	2020

- I was a member of one of the most prestigious college project clubs, the Society of Automotive Engineers (SAE).
- I love exploring various branches of natural science. I'm an avid fan of the Marvel Cinematic Universe (MCU).