

Kunal Kumar

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ABOUT ME

As a Computer Science student with a passion for problem solving, I am excited to bring my problem solving skills with attention to details, to the software industry. My background in engineering has equipped me with a solid foundation in problem solving and CSE fundamentals. I am eager to learn new tech and tools to develop innovative solutions for complex problems.

EDUCATION

Nalanda College of Engineering

Bachelor of Technology in Computer Science and Engineering

Chandi, Bihar, India

Sep 2019 – Aug 2023

Bapu High School

Senior Secondary - (Physics, Chemistry, Math)

Chandi, Nalanda, Bihar

Apr 2017 – March 2019

TECHNICAL SKILLS

Coursework: Data Structures & Algorithms, OS, DBMS, Object Oriented Programming, Software Engineering, System Design.

Languages: C/C++, Java, Python, Javascript, HTML+CSS

Libraries: C++ STL, Java Collection, ReactJs, GraphQL, OOPS, Json

Web Dev Tools: Ajax, jQuery, Nodejs, ExpressJs, Git, Github, Version Control(SVN)

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql)

Areas of Interest: Web Design and Development, Backend Development.

Soft Skills: Strong Problem Solving, coding skills, Self-learning, Presentation, Adaptability

PROJECTS

E-Commerce app

JSX, CSS, Redux, JavaScript, React.js, Firebase, Git

[Source Code](#)

- Web app made for searching different product made using React.js
- This web application leveraging Firebase for data storage.
- Implemented features to facilitate the seamless addition of data, enhancing the overall user experience.

Chat App

JavaScript, ExpressJs, NodeJs, JWT authentication, MongoDB, React.js, Chakra

[Source Code](#)

- Implements storing hashed passwords using bcrypt library for enhanced security. Hashing passwords before storing them in the database protects user credentials in case of a data breach. Additionally, implements a reset password feature to allow users to securely reset their passwords if forgotten.
- Implements real-time chat functionality allowing users to communicate remotely. Includes features such as one-on-one messaging and group chat functionality, enabling users to engage in conversations with other users in real-time.

Blog Web App

HTML, CSS, JavaScript, React.js, Firebase, Git

[Source Code](#)

- Web app that allows users to create, view, and comment on blog posts. App uses Firestore to store the blog posts.
- React router used for routing to different components.

Meal App

HTML, CSS, JavaScript, React.js, Firebase, Git

[Source Code](#)

- Web App made for searching different meals, made using vanilla JavaScript
- This web app utilizes mealdb api for getting information on different meals.
- LocalStorage is being utilized in this project for making the favourite list in this app persistent.

INTERNSHIP

Teaching Assistant - C++ and DSA Course

Coding Ninjas

Nov 2021 - Mar 2022

Remote

- Conducted doubt sessions, addressing queries and clarifying doubts in C++, Data Structures, and Algorithms.
- Fostered open communication and collaboration, encouraging active participation and creating an enriching learning environment.

CERTIFICATIONS AND OTHERS

- [Certified in ReactJS by Coding Ninjas](#)
- [Certified in Front End Web Dev by Coding Ninjas](#)
- Problem Solving Profiles - [CodeStudio](#) [GeeksForGeeks](#) [CodeChef](#)