

Katuri Karthik

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SUMMARY

B.Tech student with a strong foundation in MERN stack development and expertise in DSA with Java. Proficient in React, Node.js, Express.js, and MongoDB, with hands-on experience building scalable, user-centric web applications, including managing e-commerce platforms. Knowledgeable in the fundamentals of AI, ML, Blockchain, and Cloud Computing, with a focus on delivering innovative and efficient solutions.

WORK EXPERIENCE

INNOVATE INTERN

Sept 2024 - Oct 2024

B.Tech student with a strong foundation in MERN stack development, skilled in building scalable, user-centric web applications. Proficient in React, Node.js, Express.js, and MongoDB, with hands-on experience in managing e-commerce websites. Focused on delivering innovative solutions and seamless user experiences.

CODTECH IT SOLUTION INTERN

Jul 2024 - Aug 2024

Developed a dynamic UI with React.js using reusable components for maintainability. Built secure RESTful APIs with Node.js and Express.js, implementing JWT authentication. Managed CRUD operations with MongoDB and deployed on Heroku for scalability. Conducted API validation with Postman and unit testing with Jest. Collaborated effectively with the team, contributing to code reviews and project communication.

PROJECTS

CampusFete WebApp

December 2024

- Designed and developed Campus Fete, a digital event management platform replacing traditional notice boards for schools and colleges.
- Implemented secure user authentication using JWT and Google Auth 2.0, enhancing data security and user access.
- Integrated Stripe Payment Gateway to facilitate smooth and secure payment transactions for event participation.
- Utilized React, Tailwind CSS, Node.js, Express.js, and MongoDB to create a scalable and user-friendly application.
- Collaborated on frontend design, backend development, and feature integration to improve event accessibility and engagement.
- **GitHub Repository:** https://github.com/Arunkoo/Event_app

Blog Website

June 2024

- **Technologies Used:** Node.js, Express.js, MongoDB.
- **Core Features:** User authentication, CRUD operations for blog posts, responsive design.
- **Technical Highlights:** Developed RESTful API, integrated MongoDB, implemented error handling and validation.
- **Development Process:** Set up project, designed UI, and developed both backend and frontend functionality.
- **Deployment:** Deployed to a cloud platform with CI/CD pipelines for automated testing and deployment.
- **GitHub Repository:** https://github.com/katurikk/Blog_project1

Personal Notes Website

July 2024

- Developed a dynamic personal notes website using React.js, providing users with an intuitive interface for managing notes.
- Utilized state hooks and React components to efficiently manage and update the application's state, ensuring a responsive user experience.
- Implemented CRUD (Create, Read, Update, Delete) functionality for notes, enhancing the application's interactivity and usability.
- Employed responsive design principles to ensure the website functions smoothly across various devices and screen sizes.
- Integrated React Router for seamless navigation between different pages, improving user engagement and ease of use.
- **GitHub Repository:** https://github.com/katurikk/project_react

EDUCATION

Bachelor of Computer Science and Engineering 2021 – pursuing
– Gurukula Kangri (Deemed to be University)

12th Board of Intermediate 2019 – 2021
– Narayana Junior College

SKILLS

Technical Skills: HTML, CSS, JavaScript, React js, Node.js, Express.js, MongoDB, Tailwind, Bootstrap

Soft Skills: Communication Skills, Team Management, Master Orator

Hard Skills: MERN stack, Web Development, Database Management, Software Development, Version Control

Fundamentals: AI/ML (IBM), Blockchain, Cloud Computing