




Rakesh Kumar

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SKILLS (TECHNICAL AND SOFT SKILLS)

- **Programming Languages** : C/C++, Java (Proficient), JavaScript
- **Frontend** : React.js, HTML, CSS, Bootstrap
- **Backend** : Node.js, Express.js, REST API
- **Databases** : MongoDB, MySQL
- **Tools** : Git, GitHub, Postman
- **Soft Skills** : Problem-Solving, Teamwork

SUMMER INTERNSHIP/ONLINE TRAINING IN DSA

Board Infinity |  May 2024 - July 2024

- Completed an online course on Data Structures & Algorithms
- Mastered key concepts such as Arrays, Linked Lists, Stacks, Queues, Trees, Graphs, and Sorting Algorithms.
- Implemented 100+ DSA problems in Java, improving problem-solving efficiency
- Optimized algorithm implementations, reducing time complexity by up to 40% in various problems
- Built a Library Management System using Java and DSA, utilizing searching algorithms for book retrieval and ArrayList for book storage and management

PROJECTS

E-Commerce Website |  April 2024 - June 2024

- **Objective:** Developed a fully functional e-commerce website using React.js, Node.js, and Express.js, implementing product management, authentication, cart functionality, and order processing
- **Learning Outcome:-** Learnt how to manage authentication using JWT. Enhanced skills in state management (Redux/Context API), database handling (MongoDB), and deployment on cloud platforms like Vercel/Render
- **Technologies:-** React.js, Node.js, Express.js, MongoDB, CSS, ContextAPI, JWT, Postman

Blog Website |  August 2024 - September 2024

- **Objective:** Created a full-stack blog website using React.js, Node.js, Express.js, and MongoDB, enabling users to create, read, update, and delete (CRUD) blog posts, manage authentication, and interact through comments.
- **Learning Outcome:-** Gained practical experience in full-stack development by building a dynamic blogging platform. Learned to create RESTful APIs with Express.js & Node.js, implement an interactive and responsive frontend using React.js and handling image uploads (Multer/File Storage)
- **Technologies:-** React.js, Node.js, Express.js, MongoDB, Bootstrap, ContextAPI, JWT, Postman

CERTIFICATIONS

- Data Structures and Algorithms - Board Infinity (July 2024)
- Server side JavaScript with Node.js - Coursera (May 2024)
- HTML, CSS and JavaScript for Web Developers - Coursera (March 2024)

ACHIEVEMENTS

- Volunteered with NGO 'God's Plan' for environmental conservation and received a recognition certificate
- Solved 100+ DSA problems on platforms like LeetCode or GeeksforGeeks
- Maintained a CGPA of 8.6/10 throughout my academic career
- Participant in the "Leaders of India Quiz Competition" and secured second position

EDUCATION

Lovely Professional University

B.Tech in Computer Science and Engineering ; CGPA : 8.6


Kendriya Vidyalaya B.S.F Dantiwada, Gujarat

XII (CBSE) ; Percentage : 87.2 %


Kendriya Vidyalaya B.S.F Dantiwada, Gujarat

X (CBSE) ; Percentage : 87.4%


 Punjab, India

 July 2022 - Present

 Gujarat, India

 April 2021 - March 2022

 Gujarat, India

 April 2020 - March 2021