

Alok Kumar

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Education

University Institute of Engineering And Technology, B.Tech in Computer Science Sept 2019 – May 2023

CGPA: 8.2/10

Experience

FrontEnd Developer, TCS – Chennai, India Nov 2023 – Present

- Developed and optimized multiple user-centric UI projects, focusing on high-performance data rendering and seamless user experience
- Integrated Microsoft Authentication Library (MSAL) for secure user authentication and role-based access across multiple user profiles
- Designed and implemented a dynamic order management interface allowing users to create and manage bulk orders efficiently
- Built a comprehensive dashboard for internal workflows, enabling real-time incident tracking, on-demand query execution, and file downloads
- Prioritized performance and responsiveness, achieving fast data loading times and enhancing overall usability across both applications

BackEnd Developer Intern, Epatrakaar – remote Dec 2022 – March 2023

- Developed RESTful APIs using Node.js, Express, and MongoDB for a startup newspaper platform
- Implemented JWT-based authentication to secure user access and maintain session integrity
- Structured scalable backend logic to support content management and user operations efficiently

Projects

e-commerce web-app

- Built a full-stack eCommerce web application using Node.js, EJS, and MongoDB, enabling dynamic product listings and user interactions
- Integrated Passport.js for user authentication and session management, with JWT for secure route protection
- Implemented Multer for image uploads and designed RESTful APIs to manage products, orders, and user data seamlessly

Theme Portfolio

- Developed a responsive portfolio application using React, showcasing dynamic theme switching and component-based architecture
- Integrated Context API and Redux for efficient global state handling and seamless user experience across components and utilized useState and useEffect hooks for stateful UI interactions

E-library API

- Designed and developed a structured RESTful API using Node.js, Express, and MongoDB for scalable backend operations
- Integrated Multer and Cloudinary for efficient image upload, storage, and management in the cloud

Technologies

Languages: C++, C, Java, JavaScript, TypeScript

Frameworks: ReactJs, Angular, NodeJs, Express, NextJs, Karma, SpringBoot

Databases: MongoDB, MySQL, Redis

Tools/Technologies: Github, Docker, Kubernetes, Vs code