Alok Kumar

Systems Engineer

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📍 Bengaluru, Karnataka, India

in LinkedIn

○ GitHub

🔗 Portfolio

TECHNICAL PROFICIENCY

OS: Linux, Windows, MacOS.
Programming Languages: Python, C++.
Web Programming: HTML, CSS, React JS, Chakra UI,Tailwind CSS, BootStrap.
Database: MySQL, PostgreSQL, JavaScript, TypeScript, NoSQL, MongoDB.
Scripting: Bash Script, PowerShell.
Ticketing Tool: Service Now.
PLM Tools: Teamcenter 10,11 & 14(My Teamcenter, Structure Manager, Workflow Designer, Access Manager and Query Builder), Active Workspace 4.2 and 6.2, Teamcenter System Engineering, Ideas.
Others: Python OpenAI module, GenAI, Microsoft Office.

EDUCATION

Bachelor of Technology : Electronics & Communication., Maulana Abul Kalam Azad University of Technology,
2017 – 2021 | Kolkata, India
- *Coursework in **Digital Electronics.***
- *Member of **IEEE** & **IETE** union.*
- *Department Topper Academic Achievement Award(**DGPA 9.53/10**).*

AWARDS

Withing organisation (TCS)
- Applause Award
- Learning Achievement Award
- Xcelerate Warrior Certificate
- Continuous Feedback Star Certificate

PROFILE

Front-End Developer with 2.5+ years of experience and is proficient in crafting dynamic,user-centric web applications using React.js and associated libraries and frameworks. Skilled in translating design concepts into polished, performant code, with a focus on enhancing user experience and engagement. Experienced in leveraging React ecosystem tools and libraries to streamline development processes and optimize application performance. Strong communicator and team player with a proven track record of delivering high-quality, scalable solutions.Offering deep expertise in **programming** and **algorithms**.

SKILLS

React JS
- Expertise in React.js and Redux for building robust, interactive user interfaces.
- Proficient in utilizing popular React libraries and frameworks such as Material-UI, Ant Design, or Bootstrap for rapid development.
- In-depth knowledge of HTML5, CSS3, and JavaScript for implementing design layouts, animations, and interactivity.
- Familiarity with TypeScript for enhancing code maintainability and scalability.
- Experience with responsive design techniques and CSS preprocessors like Tailwind CSS for consistent styling across devices.
- Proficient in using GraphQL for efficient data fetching and management.
- Skilled in integrating with RESTful APIs and handling asynchronous operations using Axios or Fetch API.
- Strong understanding of modern front end development tools such as Webpack, Babel, and ESLint for code optimization and quality assurance.
- Ability to collaborate effectively with cross-functional teams and stakeholders to deliver projects on time and within scope.

PROFESSIONAL EXPERIENCE

Tata Consultancy Services(TCS), Systems Engineer(TCS-Digital) 🔗
October 2021 – present | Bengaluru, Karnataka, India
- Developed and maintained front end components for 5 to 6 of web applications using React.js and associated libraries, resulting in enhanced user experience and increased user engagement metrics.
- Collaborated closely with design teams to implement UI/UX design mockups and wireframes, ensuring pixel-perfect execution and consistency across applications.
- Utilized React ecosystem tools such as React Router for client-side routing and Redux for state management to improve application scalability and maintainability.
- Implemented performance optimizations including code splitting, lazy loading, and memoization to enhance application speed and responsiveness.
- Conducted thorough code reviews and provided constructive feedback to team members to maintain code quality and adherence to best practices.
- Actively participated in Agile development methodologies including sprint planning, daily stand-ups, and retrospectives, contributing to a highly collaborative and productive team environment.

CERTIFICATES

Meta Front-End Developer Specialization(9 Courses) 🔗
- Introduction to Front-End Development
- Programming with JavaScript
- Version Control
- HTML and CSS in depth
- React Basics
- Advanced React
- Principles of UX/UI Design
- Front-End Developer Capstone
- Coding Interview Preparation

Python HackerRank

Azure AZ-900