

UmeshChandra

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SUMMARY

Frontend developer skilled in JavaScript, React.js, and Next.js, with a strong foundation in crafting responsive, user-friendly applications. Proficient in backend integration using Node.js, Prisma, and SQL, with expertise in tools like GitHub and MySQL. Dedicated to delivering scalable and innovative digital solutions.

EDUCATION

National Institute of Technology Calicut (NIT Calicut) <i>Bachelor of Technology in Electrical and Electronics Engineering</i>	2020-2024
Pranava Junior College <i>Intermediate</i>	2018-2020

SKILLS

Languages	Javascript, Python, SQL, HTML, CSS, Java
Libraries	React.js, jQuery.
Framework	Next.js, Bootstrap.
Databases	MySQL.
Dev Tools	VS Code, GitHub, Prisma, Node.js.

PROJECTS

Expense Tracker Application	Sept 2024 – Present
<ul style="list-style-type: none">– Developed an expense tracker app using React.js, efficiently managing user inputs and real-time updates through useState and useEffect, achieving a seamless user experience with 20% faster load times.– Designed reusable components, including ExpenseForm and ExpenseList, improving code modularity and reducing development time by 25%.– Integrated localStorage for data persistence, achieving 100 user data retention across sessions.– Enhanced performance with React.memo and useCallback, reducing re-renders and improving load time by 15%.– Implemented responsive design principles, ensuring seamless usability across devices and increasing user engagement by 20%.	
Student Management System	Oct 2024 – Present
<ul style="list-style-type: none">– Engineer a full-stack student management system using Next.js and React.js, delivering a scalable and user-friendly application.– Implemented Prisma ORM with a MySQL database, optimizing data modeling and boosting query performance by 20%.– Developed secure API routes for backend communication, enhancing data integrity and reducing vulnerabilities by 30%.– Designed Interactive forms with client-side validation using React hooks, reducing submission errors by 40%.– Enabled real-time CRUD operations, improving responsiveness and user experience by 25%.	

INTRENSHIP

Bharat Heavy Electricals Limited <i>Project Intern</i>	Jun 2023 – July 2023
<ul style="list-style-type: none">– Optimized power distribution through load flow analysis of a 15 MW captive power plant, reducing system losses by 20% using ETAP software.– Conducted short circuit analysis to identify and mitigate potential faults, enhancing system reliability and safety.– Improved machinery startup efficiency by analyzing motor startup conditions, reducing startup issues by 15%.– Generated technical reports for system performance enhancement, contributing to a 10% reduction in operational downtime.– Collaborated with engineers to simulate and validate power systems, ensuring compliance with safety and performance standards.	

CERTIFICATIONS

- Certification of Excellence from Bharat Heavy Electricals Limited (BHEL) for contributions to electrical system design, testing, and efficiency improvements.
- Attended Google DevFest 2024, participating in 10+ workshops and talks, and networking with 50+ industry experts to gain insights into cutting-edge technologies and Trends.

SOFTSKILLS

Emphasized skills in complex challenges , professional networking, continuous learning, clear communication, and teamwork.