

ALOK VERMA

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PROFESSIONAL SUMMARY

Detail-oriented and passionate **Frontend Web Developer** pursuing a BTech in Computer Science & Engineering. Proven track record of building responsive, user-centric web applications using modern JavaScript frameworks like **React** and styling utilities like **Tailwind CSS** and **Bootstrap**. Adept at translating complex design mockups into clean, semantic, and highly performant code. Possesses a unique analytical foundation from a mechanical engineering diploma background, bringing cross-disciplinary problem-solving strategies and structural logic to agile development environments.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3, Java, C++

Frameworks & Libraries: React.js, Bootstrap, Tailwind CSS, Redux

Tools & Platforms: Git, GitHub, VS Code, Netlify, Vercel, NPM

Core Concepts: Responsive Web Design, Component-Driven Development, RESTful APIs, Version Control

TECHNICAL PROJECTS

DriveElite – Car Rental Web Application

React, Tailwind CSS, Git

- Developed a fully responsive frontend web application utilizing **React.js** and **Tailwind CSS** to deliver a seamless, intuitive vehicle booking user experience.
- Engineered highly reusable UI components, optimizing overall application performance and reducing redundant code by 25%.
- Implemented clean client-side form validation and dynamic routing to ensure secure and intuitive data processing flows.
- Migrated the legacy codebase from vanilla HTML/CSS/Bootstrap architectures to a modular React stack, significantly improving page load speeds and asset management.

Text Utility App (React)

- Built a text processing application for editing and formatting text
- Added features like case conversion, word count, and text analysis

News App (React + API)

- Designed a news application fetching real-time data using APIs
- Implemented category-based filtering and dynamic content loading
- Technology used (ReactJS,API,Tailwind,Node.js)

Hotel Management Website

- Created a responsive website using HTML, CSS, JavaScript, Bootstrap, NodeJs
- Enabled room booking, service viewing, and basic management features

Personal Portfolio Website

React, Tailwind CSS

- Designed and deployed a sleek, professional single-page web portfolio showcasing developer competencies, active projects, and interactive contact channels.
- Applied Mobile-First responsive design methodologies, guaranteeing 100% layout compatibility across all mobile, tablet, and desktop viewports

EDUCATION

Swami Vivekanand College of Engineering

Bachelor of Technology (B-Tech) in Computer Science & Engineering

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming (OOPs), Database Management Systems (DBMS), Web Technologies.

Government Polytechnic College, Sanawad

Graduated: 2023

Diploma in Mechanical Engineering

- **Core Competencies:** Analytical Problem Solving, Technical Documentation, Engineering Mathematics, Project Management.

KEY ACHIEVEMENTS & SKILLS

- **Technical Communicator:** Active participant in engineering group discussions, focusing on web frameworks, AI impact on engineering roles, and balancing brand image with code quality.
- **Problem Solving:** Dedicated to finding elegant technical solutions for complex UI/UX layout challenges while keeping web accessibility standards in view.
- **Collaboration:** Proven capability to operate effectively within multi-disciplinary agile teams, managing code versioning dynamically via GitHub.