SIDHARTH THAKUR

WEB DEVELOPMENT|MECHANICAL ENGINEER

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❋ PROFESSIONAL SUMMARY

Motivated and detail-oriented mechanical engineer transitioning into web development with hands-on experience in JavaScript, HTML, CSS, and building modern frontend applications. Over 8 years of experience in solar project planning, commissioning, and service engineering across the renewable energy and manufacturing sectors. Demonstrated ability to work across diverse environments—from technical design to web app development. Passionate about building scalable, user-focused digital solutions.

💻 WEB PROJECT EXPERIENCE

Bug Tracker Web App| Backend

Technologies used: MERN (MongoDB, Express.js, React, Node.js), Vercel, TailwindCSS, JWT.

- **Developed a backend of Bug Tracker App to manage Bugs and Issue tracking with login authentication (JWT-based).**
- **Designed a clean and responsive UI using React.**
- **Implemented secure backend REST APIs using Express.js and MongoDB Atlas,Joi library,bcrypt,JWT,Routing,Postman Cors,bodyParser,Toastify;**
- **Integrated user registration and login with hashed passwords, token-based auth, and protected routes.**
- **Used modern React hooks (useState, useEffect) and component-based architecture for scalability.**

Finance Tracker Web App| Personal Project - Live Demo

Technologies used: MERN (MongoDB, Express.js, React, Node.js), Vercel, TailwindCSS, JWT.

- **Developed a full-stack personal finance tracker to manage income, expenses, and transaction history with login authentication (JWT-based).**
- **Designed a clean and responsive UI using React and TailwindCSS.**
- **Implemented secure backend REST APIs using Express.js and MongoDB Atlas; deployed via Vercel (frontend and backend separately).**
- **Integrated user registration and login with hashed passwords, token-based auth, and protected routes.**
- **Used modern React hooks (useState, useEffect, useContext) and component-based architecture for scalability.**

Portfolio Website | Personal Project - Live Demo

Technologies used: HTML5, CSS3 (Light Orange Theme), JavaScript (ES6+)

- **Designed and developed a responsive, multi-section portfolio website to showcase professional experience, skills, certifications and projects.**
- **Implemented interactive show/hide features using JavaScript event listeners to enhance user engagement and navigation.**
- **Created a modern UI design with a light orangish color theme, rounded profile picture, and smooth user flow.**
- **Integrated semantic HTML structure and CSS styling for accessibility and mobile responsiveness.**
- **Emphasized clean code architecture and separation of concerns (HTML for structure, CSS for styling, JavaScript for interactivity).**
- **Optimized layout for clarity by organizing sections like About, Expertise, Projects, Experience, Education, Certifications and contact.**

Demonstrated ability to combine technical precision from an engineering background with modern frontend development skills.

Forkify App – JavaScript | HTML | CSS | Parcel | MVC- Live Demo

- **Built a fully functional recipe search app using Forkify API.**
- **Applied MVC pattern: separated data logic (model), UI (views), and user interaction (controller).**
- **Implemented dynamic pagination, bookmarks, and loading spinners using JavaScript.**
- **Used ES6+ features: arrow functions, destructuring, async/await, fetch API.**

Bankist App Live Demo

- **Web Development Technologies: HTML, CSS, JavaScript, DOM Manipulation, Git, Netlify**
- **Software: VS Code Languages: JavaScript (ES6+)| HTML5|CSS3 Frameworks/Libraries: Parcel | MVC architecture**
- **Tools: VS Code APIs: APIs| Fetch|Async/Await Others: Responsive Design|Webpack/Parcel Bundling|JSON**

Pahadi Rasoi- Responsive Webpage Live Demo
- Web Development Technologies: HTML, CSS, JavaScript, DOM Manipulation, Git, Netlify
- Software: VS Code Languages: JavaScript (ES6+)| HTML5|CSS3
- Created an interactive web application for showcasing traditional Pahadi (Himalayan) recipes. The platform features a clean and user-friendly interface where users can explore recipes, view images, and learn about authentic cooking methods. The app is hosted on Netlify for easy access and deployment

🌐 SKILLS & TOOLS

- Web Development: JavaScript (ES6+)|HTML5|CSS3| APIs| MVC architecture| Parcel| Responsive Design Software: VS Code|React.js|Next.js|MERN|MongoDB|Backend|Frontend| POSTMAN
- Languages: JavaScript (ES6+)| HTML|CSS
- Frameworks/Libraries: Parcel | MVC architecture |JOI|
- Tools: VS Code
- APIs: APIs| Fetch|Async/Await
- Others: Responsive Design|Webpack/Parcel Bundling|JSON

💼 PROFESSIONAL EXPERIENCE

Intern –Web development
Labmentix. | May 2025 – Present
- Managed commissioning of solar projects up to 150 MW capacity.
- Maintained safety protocols, coordinated contractor billing, and project documentation.
- Used project planning tools to monitor material delivery, installation timelines, and site progress.

Project Planner (Site) – Project Commissioning
Renew Power Ltd. | Feb 2021 – Mar 2024
- Managed commissioning of solar projects up to 150 MW capacity.
- Maintained safety protocols, coordinated contractor billing, and project documentation.
- Used project planning tools to monitor material delivery, installation timelines, and site progress.

Estimation Engineer – Solar Division
Renew Power Ltd. | Jun 2018 – Feb 2021
- Designed solar PV layouts, BoQs, and technical sizing for rooftop and ground-mounted systems.
- Reviewed site feasibility, coordinated factory inspections, and led technical proposals.

Service Engineer
Prasad Group of Companies | Jul 2015 – Jun 2018
- Led installation and maintenance of auxiliary plastic processing equipment.
- Supported design customizations, client communication, and sales collaboration.

Maintenance Engineer
Dharampal Satyapal Group | Oct 2013 – Apr 2014
- Managed plant machinery operations and led manpower planning for production targets.

🎓 EDUCATION

- **B.Tech| Mechanical Engineering|Sukhmani Institute of Engg. & Tech.   (2011)**
- **Diploma in Software Engineering| LSI   (2007)**

🎓 CERTIFICATION

Signed

- **JavaScript, HTML, CSS |Udemy**

- **Solar PV System Design & Installation |Certification Course**
- **Mechanical Product Design (CATIA V5) |CADD Centre Mumbai**

🤝 OPEN TO

- **Frontend Development |Backend Develpoment| Web Projects | Hybrid Developer Roles**
- **Hybrid or remote roles based in Delhi NCR (preferably Gurgaon).**