

SHIVANI UPADHYAY

MERN Stack Developer

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PROFESSIONAL SUMMARY

Computer Science undergraduate specializing in **full-stack MERN development**, with hands-on experience building and deploying scalable web applications using **React.js, Node.js, Express.js**, and **MongoDB**. Strong grasp of **REST APIs, JWT authentication**, and **data structures & algorithms**. Passionate about building secure, scalable, user-centric web applications and continuously learning modern software development practices.

TECHNICAL SKILLS

- **Core Technologies:** JavaScript, React.js, Node.js, Express.js, MongoDB, HTML5, CSS3, Tailwind CSS, Redux Toolkit
- **Programming Languages:** C, C++, Python
- **Backend & Tools:** REST APIs, JWT Authentication, MVC Architecture, Middleware, Git, GitHub, VS Code, Postman, Render, Vercel
- **Core CS Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Debugging

Soft Skills: Communication, Team Collaboration, Leadership, Problem Solving, Adaptability, Quick Learning

EXPERIENCE

MERN Stack Development Trainee Training Program

AppSquadz Software Pvt. Ltd.

- Completed intensive training in the **MERN stack**, covering **MongoDB, Express.js, React.js**, and **Node.js**.
- Built **3+ full-stack MERN applications** implementing secure authentication and **REST APIs**, following **MVC architecture** and **Git-based development workflows**.
- Implemented **JWT authentication** and **protected API routes**, improving application security by restricting unauthorized access.
- Tested and debugged **20+ REST APIs** using **Postman**, reducing integration issues during frontend-backend development.

PROJECTS

TaskFlow — MERN Stack Task Management Application

React.js, Node.js, Express.js, MongoDB Atlas, JWT, Axios, Vercel, Render

- Engineered a full-stack task management app with **JWT-based authentication**, **8+ protected REST API endpoints**, and middleware-based authorization.
- Implemented the complete task lifecycle (create, read, update, delete, restore) with **dashboard analytics**, improving task organization and user productivity.
- Integrated the **React.js frontend** with the **Express.js backend** using **Axios**; deployed on **Vercel** (frontend) and **Render** (backend) with a fully responsive, cross-device UI.

Live Demo: taskflow-frontend-bice.vercel.app | GitHub: github.com/shivaniupadhyay2912/taskflow-frontend · [taskflow-backend](#)

Jan Sahayak — AI-Powered Citizen Assistant *In Progress*

Node.js, Express.js, JavaScript, HTML, CSS, REST APIs

- Designing an AI-powered citizen assistance platform recommending government schemes and enabling real-time complaint tracking, with multilingual support for accessibility across India.
- Building a modular backend architecture using **Express.js** and **MongoDB** for scalable citizen service management.

GitHub: github.com/shivaniupadhyay2912/jan-sahayak

Hotel Booking Website — React Frontend Application

React.js, Redux Toolkit, React Router DOM, Tailwind CSS, Vite

- Built a multi-page hotel booking front-end — Home, Hotels Listing, Hotel Details, Wishlist, and Contact — with reusable, responsive components using **React.js, Redux Toolkit**, and **Tailwind CSS**.
- Implemented optimized client-side routing for a smoother, more maintainable user experience.

GitHub: github.com/shivaniupadhyay2912/Hotel-booking-website

EDUCATION

B.Tech in Computer Science & Engineering *2023 – 2027*

Dr. APJ Abdul Kalam Technical University (AKTU), Uttar Pradesh

- Relevant Coursework: Data Structures, Algorithms, DBMS, Operating Systems, Computer Networks, OOP, Software Engineering

CERTIFICATIONS

- MERN Stack Development Training — AppSquadz
- Full Stack Web Development — HCL GUVI (online technical program)
- EUREKA – Startup Pitch Challenge Participant (E-Cell IIT Bombay, National Entrepreneurship Challenge 2025)
- TechSprint – Ready to Code Participant (CSA Department, BSA College of Engineering & Technology)

ACHIEVEMENTS

- Secured 3rd place in internal Smart India Hackathon (SIH).
- Achieved Runner-Up position in IEEE Technical Competition (Prelims Round).