Adarsh Sahu

Role: MERN Stack developer
Master of Computer Applications

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OBJECTIVE

Aspiring web developer with hands-on experience in building full-stack applications. Eager to contribute to impactful software projects through practical problem-solving and modern web technologies.

EDUCATION

•**Institute of Engineering and Technology, Lucknow** *Sept 2023 - May 2025*
 Master of Computer Applications CGPA: 8.13

•**University of Allahabad** *Aug 2019 - June 2022*
 Bachelor of Science (Mathematics, Physics, Defence and Strategic Studies) Percentage: 80.9

EXPERIENCE

•**GFAM MEDIATECH** (Self Project)

- **MyPrepSpot (Library Booking & Productivity Platform with Admin, Owner, and User Panels)**
- Tools & technologies: Next.js, Node.js, Express.js, Supabase, Tailwind CSS, Razorpay, Nodemailer, Google Maps API
- Implemented Google Authentication (Supabase) and OTP verification with Nodemailer for secure signup/login
- Built a library booking system with real-time availability and Google Maps integration
- Added a Pomodoro Timer to boost study productivity
- Integrated Razorpay for payments with seat-based pricing and platform fee collection
- Created role-based panels: Admin (approve libraries, oversee bookings) and Owner (manage libraries, track bookings)
- Enhanced SEO with Open Graph (OG) tags, sitemap.xml, and robots.txt
- Delivered responsive, user-friendly UI with React.js + Tailwind CSS for smooth user experience.
- **Project Link:** myprepspot.com

•**Canvas Chrome (Internship)**

- **QuickKart (Full-stack E-commerce Grocery Platform)**
- Tools & technologies: React.js, JavaScript, Node.js, Express.js, MongoDB, Tailwind CSS, Cloudinary, Razorpay, Nodemailer
- Implemented secure user/seller authentication with JWT, password hashing, and OTP verification via Nodemailer
- Enabled sellers to manage inventory: add products, upload images via Cloudinary, and track orders
- Built user-friendly UIs for browsing, cart, and checkout using React.js and Tailwind CSS
- Integrated Razorpay for secure payments and added Cash on Delivery (COD) support
- Developed an Admin Panel for approving/rejecting products, managing stock, and overseeing orders
- **Project Link:** quick-kart-lilac.vercel.app

PERSONAL PROJECTS

•**Sorting Algorithm Visualizer (2025)**

- Tools & technologies: HTML, CSS, JavaScript
- Built an interactive app to visualize sorting algorithms (Insertion, Selection, Bubble, Merge, Quick Sort)
- Compared algorithm efficiency visually ($O(n^2)$ vs. $O(n \log n)$)
- **Project Link:** sorting-visualizer-three-pi.vercel.app

•**Career-Friendly (2025)**

- Tools & technologies: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Cloudinary
- Job seekers can create profiles, upload resumes, search & apply for jobs
- Recruiters can post jobs and accept/reject applications
- Built RESTful APIs for smooth frontend-backend communication
- **GitHub:** Career-Friendly Repo

•**WanderLust (2024)**

- Tools & technologies: JavaScript, Bootstrap, Node.js, Express.js, Cloudinary
- Users can signup, login, create, edit, and delete listings
- Added reviews/ratings to improve decision-making
- Integrated RESTful APIs + Cloudinary for media handling
- **Project Link:** wanderlust-k6jr.onrender.com

TECHNICAL SKILLS

- **Programming:** Java, C, JavaScript, Node.js, Express.js, React.js
- **Web Technologies:** HTML, CSS, Tailwind, Bootstrap, RESTful APIs, Object Oriented Programming.
- **Database Systems:** MySQL, MongoDB
- **Web Tools:** Git, GitHub

CERTIFICATIONS

- **MERN Stack Development Certification – Apna College**
  Completed an in-depth course covering MongoDB, Express.js, React.js, and Node.js, with practical projects and hands-on experience in full-stack development.

- **Data Structures and Algorithms Certification – Apna College**
  Gained proficiency in solving complex problems using data structures and algorithms, including arrays, linked lists, trees, graphs, and dynamic programming, with practical coding experience.

ADDITIONAL INFO

- **Languages:** Hindi, English
- **Soft Skills:** Teamwork, Time Management, Problem-solving
- **DSA:** Problem Solving Through Programming in Java and C.
- **Profiles:** LeetCode, HackerRank