Deepanshu Sehrawat

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GitHub Link | Portfolio Link | LinkedIn Link

Education

Dr. A.P.J Abdul Kalam Technical University, Lucknow, Uttar Pradesh *Nov 2022 – May 2026*
B.Tech. in Computer Science (Specialization: Data Science)
Relevant Coursework: Data Structures and Algorithms, Web Technology, Machine Learning, Computer Network, Operating System, Database Management System

CBSE- Intermediate *April 2020 – March 2021*
Science Stream (Physics, Chemistry, Mathematics, Python) Percentage- 95.2

CBSE- High School *April 2018 – March 2019*
Science Stream Percentage- 95.8

Skills

Languages & Frameworks C/C++, JavaScript, React.js, Node.js, Python, Bootstrap
Cloud Platforms: AWS, Microsoft Azure, Google Cloud Platform (GCP), Firebase
DevOps & Tools: Docker, Kubernetes, Git, CI/CD, IntelliJ, VS Code, JIRA, Postman,
Databases: MySQL, MongoDB

Professional Experience

Celebal Technologies, React.js Intern *Jun 2025 – Present*

- Developed Advanced Authentication Systems using React.js with secure login/logout flows, JWT token-based session management, and form validation including password strength checks, multi-step login, and role-based access controls.
- Built Dynamic List Applications enabling CRUD operations, state persistence with localStorage, responsive filtering and sorting, and interactive UI elements using modern React hooks (useState, useEffect, useReducer).
- Designed and Implemented Interactive Dashboards with component-driven architecture, real-time data visualization (e.g., charts and tables), modular UI layout using Tailwind CSS, and context-aware routing using React Router DOM.
- Developed Fully Functional E-commerce Platform including product listing, cart and checkout flow, search/filter functionality, and responsive UI. Integrated Redux for global state management and implemented mock APIs with JSON Server.
- Collaborated via Git/GitHub, following version control standards, issue tracking, and CI/CD workflows for deployment (Vercel/Netlify).

Academic Projects

Challenge Tracker

- Developed a goal-tracking application using React.js and Redux Toolkit, enabling users to create, update, and manage daily/weekly challenges with persistent state storage via browser localStorage."
- Integrated modular and reusable UI components using Tailwind CSS for responsive design and consistent styling across views.
- Implemented state management with Redux to handle challenge lifecycle, status toggling (e.g., pending, completed), and real-time updates to the UI.
- Focused on performance by configuring Vite bundler for fast development builds and optimized production deployment.
- Employed clean code principles, component-level separation, and hook-based architecture (useEffect, useSelector, useDispatch) to enhance scalability and maintainability.

Paste App

- Built a lightweight pastebin-style application enabling users to create, view, update, delete, and share text snippets using a unique ID system for each paste.
- Integrated React Router DOM for seamless navigation between paste creation, viewing, and editing pages, enhancing the single-page application experience.
- Added unique URL generation for each paste to allow direct sharing and easy access without user authentication.
- Used custom hooks and modular components to improve code reusability, scalability, and maintainability.

Achievments

- GeeksforGeekS(3 ★), CodeChef(2 ★)
- JEE Qualified
- CBSE Intermediate Regional Topper (XII)
- CBSE High School Topper (X)