

Soumyajit Bera

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Professional Summary

Frontend Engineer with strong foundations in JavaScript and TypeScript, experienced in building responsive, scalable web applications using React. Skilled in component-driven architecture, REST API integration, client-side state management, and performance optimization. Familiar with modern design patterns, accessibility principles, and frontend testing practices. Passionate about leveraging GenAI tools to enhance productivity and deliver high-quality user experiences.

Technical Skills

Languages: JavaScript, TypeScript, Java, C++, HTML5, CSS3

Frontend: React.js, Tailwind CSS, Responsive Design, Component Architecture

State Management: Context API, Redux

Architecture: Component-Based Design, Reusable Patterns, RESTful Integration

Performance: Lazy Loading, Memoization, Optimized Rendering

Testing: Basic exposure to Jest / React Testing Library

Backend Integration: Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL

Tools: Git, GitHub, Postman

Cloud & Dev Practices: Basic CI/CD understanding, Deployment workflows

GenAI Tools: ChatGPT, GitHub Copilot

Experience

Software Engineer Intern – Healthcare Management System

May 2025 – Feb

Innova Solutions

- Developed and enhanced the Patient Appointment Booking module using React and TypeScript, implementing form validations and dynamic slot selection.
- Built Doctor Dashboard interfaces to display daily appointments, patient details, and status updates with efficient client-side state management.
- Implemented role-based authentication and protected routes for secure access across Patient, Doctor, and Admin views.
- Integrated RESTful APIs and handled asynchronous data fetching to ensure real-time UI updates.
- Optimized component rendering and improved frontend performance through modular architecture.

Projects

Job Portal – MERN Stack

- Built a responsive job portal using React and TypeScript with role-based authentication and protected routes.
- Designed reusable and modular UI components following clean architectural principles.
- Managed client-side state for job listings, dashboards, and applications with dynamic API integration.
- Optimized application performance and ensured cross-browser compatibility.

Education

Bachelor of Engineering in Computer Science and Engineering

Expected 2026

Chitkara University, Himachal Pradesh

CGPA: 9.41

Additional Strengths

Strong fundamentals in OOP, DBMS, Operating Systems, and Computer Networks. Strong analytical problem-solving skills, effective communication, and adaptability.