

Shilpa Kumari

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SKILLS

- **Languages:** JavaScript, ES6, HTML, C++, Typescript, C, PHP, Java, Python
- **Technologies/Frameworks:** React.js, Node.js, Express.js, Socket.IO, MongoDB, SQL, PHP
- **Tools:** Git, GitHub, Postman, UI Libraries, Vercel, Render, Visual Studio Code
- **Soft Skills:** Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in JavaScript

TRAINING

MERN Stack Development Training – CipherSchools

Jun'24 – Jul'24

- Completed 84+ hours of extensive training on MERN Stack development covering Frontend, Backend, Database, and Deployment. Built an interactive and responsive Notes application, integrating React.js, Node.js, Express.js, and MongoDB to visualize solutions effectively. Strengthened development practices and problem-solving skills, focusing on scalability and performance optimization.

PROJECTS

Contest Tracker | React, Node.js, Express, MongoDB, TailwindCSS:

May'25 – Jun'25

- Engineered a full-stack web application using MERN stack that tracks 100+ contests from 3 major competitive programming platforms, achieving 98% data accuracy and 30% increased user engagement.
- Developed 15+ RESTful API endpoints with Express.js for data retrieval and user interactions, resulting in 40% improved data access efficiency and seamless user experience.
- Optimized MongoDB database schemas and implemented indexing strategies, reducing query execution time by 65% and API response times from 1.2s to 400ms.
- Designed responsive UI with TailwindCSS and shaden components that reduced page load time by 45%, supporting 5+ screen sizes with 99% rendering consistency.
- Implemented client-side state management with React hooks that decreased data fetching operations by 50% and enhanced overall application performance by 35%.
- GitHub: [CONTEST-TRACKER-APP](#)

Social Link | React, Node.js, MongoDB, Express, Socket.io

Jun'24 – Jul'24

- Designed and implemented a full-stack real-time chat application using the MERN stack with responsive UVUX built on React and Tailwind CSS.
- Developed RESTful APIs with Node.js and Express, incorporating JWT authentication with HTTP-only cookies for enhanced security.
- Implemented Socket.io for real-time communication, optimizing for cross-domain operations with proper CORS configuration.
- Architected a scalable database schema in MongoDB to manage user profiles, message history and real-time user status tracking.
- Integrated Cloudinary for image uploads and storage, enabling seamless media sharing capabilities within the messaging system.
- GitHub: [SocialLink Repository](#)

CERTIFICATES

Full-Stack Development Using MERN Stack – CipherSchools

Jul'24

[Project Certificate Link](#)

[Certificate Link](#)

Software Engineering: Implementation and Testing – Coursera

Apr'24

[Certificate Link](#)

Server-side Scripting - Coursera

Mar'24

[Certificate Link](#)

ACHIEVEMENTS

Hackathon:

Nov'24

Contributed to a team in Flipkart Hackathon and selected for the 2nd and 3rd round from Unstop.

Scored 584/800 in CoCubes.

Solved 500+ coding questions across various coding platforms:

Hacker Rank 2-star coder, solved various coding problems on Hacker Rank, GeeksforGeeks and LeetCode enhancing problem-solving skills and data structure knowledge.

EDUCATION

Lovely Professional University

Punjab, India

Bachelor of Technology – Computer Science and Engineering; CGPA: 7.47

Since Aug'20

Kendriya Vidyalaya No1 School

Pathankot, Punjab

Intermediate; Percentage: 88.8%

Aug'20 – Apr'21

Air Force School

Jamnagar, Gujarat

Matriculation; Percentage: 84.8%

Apr'18 – Mar'19