Tanisha Jaiswal

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SKILLS

Languages:	Java, JavaScript
Tools/Platforms:	HTML, CSS, Tailwind CSS, Bootstrap, React.js, Node.js, Express.js
Databases & Tools:	MongoDB, MySQL, Git, GitHub
Soft Skills:	Solution-Oriented, Time Management, Effective Leadership, Adaptability

TRAINING

Geeks for Geeks (Edtech Company)   Jun' 24 – Jul' 24

Data Structure and Algorithms

- Implemented advanced data structures and algorithms (trees, graphs, dynamic programming, hashing), improved problem-solving efficiency by **30%** across coding platforms.
- Optimized algorithmic performance in coding challenges by reducing execution time by up to 40%, enhanced debugging and runtime efficiency.
- Created an interactive Tic-Tac-Toe game in Java, applied OOP concepts to build structured, maintainable code for real-time gameplay.

PROJECTS

Zentellect-AI | *MERN Stack | OpenAI DALL·E API | Cloudinary*   Jan' 25

- Developed an AI-powered text-to-image generator using the MERN stack, integrating OpenAI's DALL·E API to enable real-time image creation based on dynamic user prompts.
- Deployed a fully responsive UI with React.js and Tailwind CSS, enhancing cross-device compatibility and improving user engagement across **95%** of modern devices.
- Optimized image storage and delivery using Cloudinary, which reduced load time by **40%** and ensured secure, high-resolution image rendering for enhanced performance.

Hospital Management System | *MERN Stack*   Sep' 24

- Built a dynamic hospital management system using the MERN stack, enabling streamlined control over patients, appointments, billing, and staff roles.
- Implemented role-based authentication with custom dashboards for Admins, Doctors, ensuring secure access and clear task segregation.
- Enhanced performance with MongoDB aggregation and efficient Express.js routing, resulted in faster response times and improved data accuracy.

Expense Tracker| *MERN*   Dec' 23

- Built a comprehensive Expense Tracker system using the MERN stack, allowed users to record and classify their daily expenditures with ease.
- Leveraged React.js to incorporate a dynamic expense visualization feature, offered users a graphical representation of their financial habits and enabling better money management.
- Optimized the backend with Express.js and MongoDB, streamlined data storage and enhanced system performance for faster and more accurate transaction processing.

CERTIFICATES

- Full Stack Web Development | *Apna College*   Jan' 25
- Data Structure and Algorithms | *Apna College*   Jul' 24
- Server-Side JavaScript | *Coursera*   May' 24
- Dynamic Programming | *Coursera*   Apr' 24

ACHIEVEMENTS

- Earned the "Introduction to GitHub" badge from GitHub Skills, demonstrating practical knowledge of version control and open-source collaboration.
- Bronze Medalist at the International Mathematics Olympiad, showcasing strong analytical thinking and advanced problem-solving abilities on a global platform.

EXTRACURRICULAR

- Optimized algorithms and debugging skills by solving 200+ DSA problems across diverse platforms.
- Hosted seminars and events, strengthening public speaking and coordination skills.
- Developed content for club promotions and LinkedIn posts, enhancing engagement and visibility.

EDUCATION

Lovely Professional University   Phagwara, Punjab

Bachelor of Technology   Nov' 22 – Present

Computer Science and Engineering; CGPA: 7.40

Little Flower House   Varanasi, Uttar Pradesh

Intermediate   Apr' 19 – May' 21

PCM; CGPA: 8.5

Happy Model School   Varanasi, Uttar Pradesh

Matriculation   Apr' 17 – May' 18

PCM; CGPA: 8.9