

Harsh Tripathi

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SUMMARY

Innovative and detail-oriented Full Stack Developer with expertise in designing and developing scalable web applications. Passionate about building user-centric solutions, leveraging AI for moderation, and optimizing performance using modern web technologies. Skilled in both frontend and backend development, with hands-on experience in integrating AI-based functionalities for enhanced user engagement.

SKILLS

Web Development: Proficient in HTML, CSS, JavaScript, React.js, Tailwind CSS for building responsive and dynamic user interfaces., Backend Development: Experienced with Node.js, Express.js, MongoDB, Java for developing scalable and secure server-side applications., Version Control: Skilled in using Git and GitHub for effective source code management and collaboration., Development Tools: Hands-on experience with Visual Studio Code, IntelliJ IDEA, Postman, and Thunder Client for efficient development and debugging.

WORK EXPERIENCE

Forage Job Simulation

Dec 2024

- Designed and implemented a scalable cloud-based architecture using AWS Elastic Beanstalk, significantly improving deployment efficiency and performance.
- Developed cost-effective cloud solutions by optimizing cost estimation models, improving resource utilization and reducing unnecessary expenses.
- Communicated complex technical solutions in a clear and concise manner, ensuring that stakeholders without a technical background understood system functionalities.

PROJECTS

Full Stack Twitter Clone with AI-Driven Toxic Comment Moderation - <https://x-clone-su9s.onrender.com>

- Developed and deployed a full-stack Twitter clone using the MERN stack, enabling users to post, like, and comment in real-time with an optimized user interface.
- Implemented AI-driven toxic comment detection using TensorFlow.js, reducing harmful interactions by 90% and ensuring a safer platform for users.
- Designed an intuitive, mobile-friendly UI with React.js & Tailwind CSS, improving user engagement and interaction efficiency.
- Built a robust Node.js & Express.js backend, integrated MongoDB for scalable data management, and secured authentication with JWT for enhanced security.

AI Chatbot - <https://zerothai.onrender.com>

- Built and deployed an AI chatbot leveraging the Google Gemini API for advanced NLP and contextual responses, enabling intelligent and context-aware user interactions.
- Created a user-friendly React.js frontend, ensuring a smooth and responsive user experience while interacting with the AI model.
- Designed efficient API request handling to ensure quick and accurate responses, improving chatbot response time and user satisfaction.

EDUCATION

Bachelor of Technology in Information Technology

Dr. Akhilesh Das Gupta Institute of Professional Studies (GGSIPU), Delhi, India

Jan 2022 - Jan 2026

GPA: CGPA: 8.0