

AMAN KUMAR

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Education

Seth Jai Parkash Mukand Lal Institue of Engineering and technology

Sep. 2022 – Aug. 2026

Bachelor of Technology in Computer Science

YamunaNagar, Haryana

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Oops
- Computer Networks

Projects

Simon Says Game | *Html ,CSS,JavaScript,DOM manipulation*

October 2024

- Developed an interactive browser-based memory game where users replicate sequences of color flashes.
- Implemented event-driven game logic using JavaScript, including keypress and click event handling.
- Applied dynamic DOM manipulation to update game levels, visual feedback, and animations.

Digital Clock Web App | *HTML, CSS, JavaScript, DOM Manipulation*

August 2024

- Built a real-time digital clock that dynamically updates every second using JavaScript.
- Used DOM manipulation to display time in 12-hour format with AM/PM distinction.
- Styled with CSS to create a modern, clean user interface.

SigmaGPT — AI Chatbot Web App | *MERN Stack, GeminiAI API*

September 2025

- Developed a ChatGPT-like AI chatbot using Google's GeminiAI for natural language responses.
- Built a MERN-based architecture with Express backend and React frontend for real-time chat.
- Integrated MongoDB for thread-based conversation storage and API data handling.
- Optimized response latency and deployed the app on Vercel with secure environment setup.

WanderLust — Travel Listing Web Application | *Node.js, Express.js, MongoDB, Mongoose, EJS*

June 2025

- Developed a full-stack travel web application supporting user-generated listings,image uploads,reviews, and bookings. .
- Implemented MVC architectural pattern, separating data models, business logic, and view rendering.
- Integrated Cloudinary API for secure image storage and management.
- Developed secure user authentication and authorization using Passport.js.
- Utilized MongoDB Atlas for cloud-hosted, scalable database storage.
- Practiced environment variable management and RESTful route structuring in Express. .

Open Source Contribution

Hacktoberfest 2025

October 2025

Open Source Contributor

Remote

- Participated in Hacktoberfest 2025 by contributing to various open-source repositories on GitHub.
- Successfully created and merged 6 meaningful pull requests across different projects focused on web development.
- Enhanced existing codebases by fixing bugs, improving documentation, and optimizing frontend components.
- Strengthened collaboration skills by engaging in issue discussions and following open-source contribution guidelines.

Technical Skills

Languages: Java, JavaScript, HTML5, CSS3

Developer Tools: MERN Stack, Docker, Git, GitHub, VS Code

Technologies/Frameworks: Node.js, Express.js, Bootstrap, EJS

Extracurricular

Organizing Tournament

May 2025

- Served as a Key Organizer in the inter-college Volleyball Tournament, managing event planning, scheduling, and coordination.
- Led a dedicated organizing team to successfully conduct the event with participation from multiple departments
- Handled logistics, registrations, and on-ground management ensuring a smooth and engaging sports event experience.