

JEET SINGH

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EDUCATION

- **Birla Institute Of Technology, Mesra** Ranchi, India
Master of Computer Applications; CGPA: 7.32 2023 – Present
- **MLT College, Saharsa** 2018 – 2021
Bachelor of Computer Applications; CGPA: 7.7

SKILLS

Languages & Tools: Java, JavaScript, TypeScript, Python, HTML, CSS, SQL, Git, GitHub, VS Code.

Frameworks: React.js, Next.js, Express.js, Node.js, Tailwind CSS, Bootstrap, Framer Motion.

Databases: MongoDB, MySQL.

Other Skills: REST APIs, Postman, Vite, Responsive Design, Agile, Team Leadership, Project Coordination.

EXPERIENCE

- Techavtar** | *Frontend Developer Intern* March 2024 – May 2024
- Developed the frontend for the KnectHotels SaaS platform, featuring dashboards, check-in/out, and service requests.
 - Integrated role-based APIs and developed 20+ Zod-validated forms.
 - Implemented dynamic tables with sorting, filtering, and CRUD for 1,000+ records.
 - Worked in a 6-member agile team to deploy client-centric solutions.

PROJECTS

Mental Health Assessment System | *HTML, Tailwind, Next.js, TypeScript, Python, BERT*

- Developed the frontend using Next.js (TypeScript) and Tailwind CSS, implementing interactive animations with Framer Motion.
- Implemented Python backend using BERT to classify 6K+ mental health statements into 5 conditions with 91% accuracy.
- Designed responsive UI and dynamic dashboard to visualize results, improving accessibility and engagement.

Streamy (Video Hosting Backend) | *Node.js, Express.js, MongoDB, Mongoose, JWT, Bcrypt*

- Built backend for YouTube-like platform with video uploads, comments, likes/dislikes, and real-time updates.
- Implemented secure authentication with JWT and Bcrypt for user sessions.
- Developed subscription system allowing users to follow/unfollow content creators.
- Enabled real-time updates for comments and likes using efficient API endpoints.

KEY OPEN SOURCE CONTRIBUTIONS

DollhouseMCP/mcp-server | *Performance & Security Improvement*

Sep 2025

- Proposed performance and security improvements (PR #1035), leading to optimized whitespace detection and stronger path validation against traversal attacks; acknowledged and merged in Release v1.9.6.

martinfrancois/question-driven-talk-assistant | *Refactor*

Sep 2025

- Refactored QR code component, extracted constants, improved resize handler; merged as PR #607.

CERTIFICATIONS

Yhills | *Web Development Program*

May 1, 2024 – August 1, 2024

- Completed a 3-month online Web Development program focusing on React, Tailwind CSS, and JavaScript, earning certifications for both course completion and project delivery.