TIRTHESH JAIN

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EDUCATION

PCTE Institute of Engineering And Technology   Ludhiana, Punjab
Bachelor of Technology, Computer Science Engineering — CGPA: 8.5   2022 – Present
Bhartiya Vidya Mandir School   Ludhiana, Punjab
12th Grade, Non-Medical — 88.8%   2021 – 2022

PROFESSIONAL EXPERIENCE

Web Developer Teaching Assistant   Remote
Internshala   Jul 2024 – Dec 2024
- Assisted in teaching web development courses, providing support and guidance to over 100 students.
- Conducted code reviews and provided feedback, enhancing project outcomes by 20%.

Full Stack Web Developer Intern   Remote
CCBUL, Capacity & Capability Builders   Jan 2024 – Mar 2024
- Developed AI-assisted summarization using ChatGPT API, improving legal document analysis efficiency by 30%.
- Built profile registration system for wlai.org, increasing user onboarding speed by 25%.

Front End Developer Intern   Remote
TheResearchPedia   Apr 2023 – May 2023
- Managed content publication on foodsgal.com and thescientificgardener.com, optimizing site performance and user engagement.
- Utilized JavaScript, HTML, and CSS for front-end development, improving site load time by 15%.

PROJECTS

Buy Me Chai
Live | GitHub
Tech Stack: Next.js, Mongoose, MongoDB, NextAuth, Razorpay, Vercel
- Developed a crowdfunding platform with secure payment integration using Razorpay.
- Utilized Next.js for optimized performance and server-side rendering.
- Employed Mongoose for efficient data management and retrieval, improving data processing speed by 20%.

TJ URL Shortener
Live | GitHub
Tech Stack: MongoDB, Express.js, React.js, Node.js, Redux
- Implemented scalable URL shortening service using Redux for state management.
- Developed RESTful API endpoints for efficient data handling.
- Utilized MongoDB for effective data storage and retrieval, reducing data retrieval time by 15%.

TJ Chit Chat Application
Live | GitHub
Tech Stack: Node.js, Express.js, React.js, Mongoose, WebSocket, Axios, Chakra UI
- Developed real-time chat application using WebSocket technology.
- Leveraged MERN stack for robust real-time communication, ensuring seamless user experience.

TJ GPT Application
Live | GitHub
Tech Stack: React.js, Node.js, Express.js, Axios, CSS, OpenAI API, Gemini API
- Developed AI-powered chat application with download and history functionalities.
- Incorporated ChatGPT, Groq AI, and Gemini APIs for advanced natural language processing.

ACHIEVEMENTS

- Launched multiple apps on Xiaomi App Store, with one app surpassing 400+ installs (view).
- Launched multiple apps on Google Play Store, with one app achieving over 10,000+ installs (view).
- Secured second prize in a city-level web development Hackathon.
- Completed over 200+ LeetCode questions (view).

TECHNICAL SKILLS

Languages: C++, JavaScript, PHP, SQL (MySQL)
Web Development: HTML, CSS, React.js, Node.js, Next.js, MongoDB, Express.js, Laravel, WebSocket, Axios, Tailwind, Bootstrap
Mobile App Development (Basic): Java, XML, Android Studio