

SHASHANK SHEKHAR JHA

Summary

Full Stack Web Developer with proven track record in enhancing productivity and efficiency. Expertise in JavaScript, React, and Node.js drives robust web application development. Strong problem-solving abilities and teamwork skills contribute in various successful project outcomes and collaborative environments.

Experience

Full Stack Developer 01/2025 - Current

Kalyani Technoforge Limited, Pune

- Developed multiple dashboards for customer receivables, streamlining reporting time to one-click insights.
- Built a TPM-based maintenance management system that included live inventory management features.
- Automated maintenance task scheduling to minimize equipment failures and enhance operational reliability.
- Achieved a 95-98% reduction in rendering and loading times by optimizing frontend performance, component rendering, and data handling strategies.

Full Stack Developer Intern 01/2025 - 06/2025

Kalyani Technoforge Limited, Pune

- Created, implemented, and managed various data-driven dashboards for monitoring and analyzing manufacturing products across all production processes utilizing full-stack Python technologies.
- Achieved extreme performance optimization by reducing rendering latency from 30 minutes to sub-second execution.

Projects

• Social Media App

- Developed a comprehensive full-stack social media application utilizing MERN Stack, facilitating features such as post creation, updates, likes, comments and user following.
- Implemented secure authentication using JWT (JSON Web Token) and bcrypt for password hashing.
- Designed and developed RESTful APIs for managing user profiles, posts, and comments using ExpressJs.
- Administered data storage and management using MongoDB Atlas and Mongoose, optimizing queries for feed generation, notifications and search functionality.

• Chat Server

- Developed a real-time chat server in JAVA, employing multithreading to support concurrent communication.
- Implemented a client-server architecture using Java Sockets to enable efficient message exchange.
- Managed concurrent client connections through a multi-threaded server architecture, ensuring efficient handling and communication.
- Facilitated real-time messaging between clients by implementing asynchronous input/output streams for efficient communications.

Skills	• JavaScript and TypeScript	• ReactJS and React Redux	• Git and GitHub
	• Python and Java	• Node.js and Express.js	• Postman and RESTful API
	• HTML5 and CSS	• MongoDB and SQL	• GraphQL and NestJS
	• SASS and Tailwind	• PL/SQL and PostgreSQL	• NextJS and Redis

Awards	3rd place at Hack MIT WPU-24 hackathon, Hack MIT, MIT World Peace University, Secured 3rd place at Hack MIT WPU-24 hackathon among 85 teams. Built an AI system with voice commands (e.g., opening YouTube) using speech recognition and NLP. Collaborated on real-time response generation and showcased innovation to judges.
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Education	BTech, ECE-AIML, 06/2026 MIT World Peace University, Pune
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Certifications	• National Academic Immersion Program in Full Stack Development, IIT Jodhpur, 01/07/2024 • Full Stack Development With React and NodeJS, GeeksForGeeks, 01/08/2024
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