SHASHANK SHEKHAR **JHA**

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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 to successful project outcomes and collaborative environments.

Skills

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

Experience

GET   06/2025 to 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 to 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.

Education and Training

BTech: ECE-AIML   Expected in 06/2026
MIT World Peace University   Pune

Certifications

- National Academic Immersion Programme in Full Stack Development, IIT Jodhpur, 07/01/24
- Full Stack Development With React And Node JS, GeeksforGeeks, 08/01/24

Projects

- **Social Media App**
- Developed a comprehensive full-stack social media application utilizing the MERN stack, facilitating features such as post creation, updates, likes, comments, and user following.
- Implemented secure authentication using JWT (JSON Web Tokens) and bcrypt for password hashing.
- Designed and developed RESTful APIs for managing user profiles, posts, and comments using Express.js.
- 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 communication.

Awards

Workathon at 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.