

Gourav Sahu

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Professional Summary

Software Engineer with 2+ years of experience designing, developing, and debugging scalable SaaS applications using **React.js, Next.js, Node.js, and TypeScript**, with expertise in building **high-performance APIs, event-driven systems, and real-time applications**. Experienced in troubleshooting production issues, participating in code reviews, and collaborating with cross-functional teams to deliver reliable, secure, and scalable software solutions with a focus on system design and performance optimization.

Technical Skills

Languages: JavaScript, TypeScript, Java

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux Toolkit

Backend & Databases: Node.js, Express.js, Nest.js, MongoDB, MySQL, Redis

Cloud & Tools: AWS (EC2, S3), Cloudflare (CDN, DNS, Security), Docker, Postman, VS Code, Git, GitHub

Core Concepts: OOPs, DBMS, Data Structures & Algorithms, Debugging, SDLC, Agile Methodology, REST APIs, JWT Authentication, Event-Driven Architecture, Performance Optimization

Professional Experience

Full Stack Developer

May 2025 – Present

Pabbly

Bhopal, India

- Built a WhatsApp automation platform using React Flow, handling 5,000+ daily workflow executions with complex logic (conditions, delays, webhooks)
- Designed scalable queue-based, event-driven architecture using Redis and worker processes, improving scalability by 40% and enabling reliable async processing
- Integrated WhatsApp APIs with real-time tracking and logging via Socket.io, reducing manual monitoring effort by 60% and improving debugging efficiency
- Developed high-scale email automation (10,000+ users, 1M+ emails/day) using Redis, SMTP, and PMTA, achieving 25–30% API performance improvement via caching and optimization

Full Stack Developer

Feb 2024 – May 2025

ifetech Pvt Ltd

Bhopal, India

- Built scalable dashboards and reusable UI components using React.js and Next.js, improving development speed by 30%
- Developed and optimized REST APIs handling thousands of daily requests, reducing load time by 20–25% through efficient database queries and caching
- Implemented JWT-based authentication and role-based access control, enhancing system security and reducing backend load through efficient API design

Projects

SourceAI – AI Support System

- Built an AI-powered chatbot automating 70–80% of customer queries using OpenAI
- Developed IMAP-based email-to-ticket conversion system
- Implemented real-time chat system with AI-to-human handoff

Pabbly Chatflow – WhatsApp Automation Platform

- Built workflow automation system executing thousands of actions daily using React Flow
- Designed Redis-based queue system for scalable task processing
- Implemented real-time logs and tracking using Socket.io

Pabbly Email Marketing – Bulk Email Delivery Platform

- Developed bulk email system supporting high-volume delivery (1M+ emails/day)
- Implemented tracking, throttling, and analytics for optimized delivery performance
- Improved campaign monitoring using event-based tracking architecture

Education

Oriental College of Technology, Bhopal

2019 – 2023

B.Tech in Computer Science & Engineering

CGPA: 8.4