

Murtaza Saifee

Summary

Senior Full Stack Software Engineer with **5 years** of **remote** experience building B2B SaaS products using Node.js, TypeScript, GraphQL, PostgreSQL, React, and AWS. Product engineer with experience owning end-to-end features, designing APIs and data models, improving production performance, and shipping systems for globally distributed users. Practical exposure to LLM APIs, AI automation workflows, and AI-assisted engineering practices.

Skills

Languages:	TypeScript, JavaScript, SQL, PHP
Backend:	Node.js, Express.js, Laravel, GraphQL, Apollo, REST APIs, Microservices, Distributed Backend Systems, System Design, OAuth, JWT, SQL Tuning, Performance Benchmarking, Observability, Monitoring
Frontend:	React, React Native, HTML, CSS
Databases:	PostgreSQL, Redis, Query Optimization, Schema Design, Row-Level Security, Data Modeling
Cloud & DevOps:	AWS Lambda, EC2, S3, SQS, RDS, CloudWatch, Docker, Jenkins, CI/CD, Message Queues, Asynchronous Processing
Testing:	Unit Testing, Integration Testing, API Testing, Test Automation, Jest
AI/Automation:	LLM APIs, Prompt Engineering, n8n, Claude Code, Codex, AI-Assisted Development, Workflow Automation
Engineering Practices:	Technical Design, Code Reviews, Cross-functional Collaboration, Remote Collaboration, Mentoring

Experience

Senior Software Engineer, Toddle - Remote/Hybrid, Bengaluru

July 2024 – May 2026

Toddle is a web-based B2B edtech SaaS platform providing an AI-powered LMS for K–12 schools.

Curriculum Website Builder & Publishing Platform

- Led a 5-person remote team to design and launch a curriculum website builder that enabled schools to create parent-facing public websites
- Owned requirement gathering, product scoping, technical design, backend architecture, API contracts, publishing workflows, and release planning, translating ambiguous school-facing needs into a production-ready website-builder and publishing system.
- Solved core technical challenges around secure public access, content-selection logic, preview/publish flows, and scalable read models by building public Apollo GraphQL APIs, isolated PostgreSQL publishing schemas, row-level security, and immutable published snapshots.

Backend, API & Platform Engineering

- Improved latency across production workflows by optimizing slow PostgreSQL queries, eliminating inefficient GraphQL resolver patterns, reducing unnecessary data fetching, and benchmarking improvements through CloudWatch.
- Optimized a lagging PostgreSQL aggregation query powering a main student-facing insights page, reducing response time by **~95%** from 11s to 335ms by pushing down selective filters, restructuring multi-CTE logic, and controlling many-to-many join explosion.

AI Automation & Developer Enablement

- Built an n8n workflow combining Gong transcripts and HubSpot deal context to generate review-ready sales follow-up drafts after calls, **saving** an estimated **20–50 hours per month** across GTM teams.
- Evaluated LLMs against dedicated translation APIs and built a Gemini Flash-based localization workflow, reducing new-language rollout from **multi-week** Weblate/translator handoff cycles to **~1 hour** at **~\$5** per language, with prompt tuning for Arabic and Japanese.

Software Engineer, Toddle - Remote

July 2022 – June 2024

- Built support for the Diploma Programme curriculum across backend services, GraphQL APIs, PostgreSQL data models, and frontend integration points, expanding Toddle's paid program base by **~14%** and enabling the platform to serve high-school customer segments.

Associate Software Engineer, Toddle - Remote

June 2021 – June 2022

- Built and maintained **notification** and **email** workflows across web, email, and mobile, using cron jobs, React email templates, SendGrid, and backend/frontend/communicator-service integrations.

Projects

Speech-to-Structured-Notes App for Physiotherapists

March - June 2026

React Native, Node.js, FastAPI, PostgreSQL, Expo, AWS EC2/SQS/S3, LLM APIs, Maestro

- Built a mobile-first AI application that converts physiotherapy voice notes into structured clinical documentation, using React Native, LLM APIs, prompt-engineered extraction pipelines, backend validation workflows, and asynchronous processing with S3, SQS, PostgreSQL, Node.js, and FastAPI

Education

M.Tech (Information and Communication Technologies) - Dhirubhai Ambani University, Gandhinagar

May 2021

Thesis: Analyzed bird migration patterns using large public citizen-science based bird watching datasets.

B.E. (Electronics and Communication Engineering) - Mediacaps University, Indore