

Mohammed Abdul Wadudh Samdani

Software Engineer (Full Stack) | Bengaluru, India

+91 9916877762 | abdulwadudh5@gmail.com | linkedin.com/in/mohammed-abdul-wadudh-samdani | github.com/AbdulWadudh

Summary

Full-Stack Software Engineer with 4+ years of experience building scalable web applications, backend services, and AI-powered automation pipelines using TypeScript, React, Node.js, and AWS. Demonstrated impact through an 80% reduction in vendor data processing time, automated operational workflows, and LLM-powered applications. Experienced in REST API development, asynchronous job processing, cloud integrations, and LLM orchestration.

Technical Skills

- **Languages:** JavaScript, TypeScript, SQL, HTML5, CSS3
- **Frontend:** React, Next.js (App Router), Vite, Tailwind CSS, Redux Toolkit
- **Backend & Runtime:** Node.js, Bun, Express.js, Hono, REST APIs, Socket.IO, BullMQ
- **Cloud & Infrastructure:** AWS (EC2, S3, Lambda, SQS), Docker
- **Databases & ORM:** PostgreSQL, MongoDB, Redis, Drizzle ORM, Prisma, Mongoose
- **AI & Developer Tools:** OpenAI API, Gemini API, Whisper, LLM Orchestration, Prompt Engineering, Cursor, Claude Code, Postman, Git, JIRA, Biome

Experience

UPRIO – Software Engineer

Feb 2025 – Mar 2026 | Bengaluru, India

- Built a **Task & Ticket workflow platform** with configuration-driven dashboards, automatic task reassignment, and automated student lifecycle task creation (7 tasks per student across **600+ students**) for a **150+ person** operations team.
- Migrated two cloud telephony vendors (Kaleyra and Tata Tele) with **zero downtime** and engineered an AI-powered call-intelligence pipeline processing **1,500+ calls daily**, integrating transcription, sentiment analysis, and callback-task creation.
- Developed performance dashboards tracking lead conversion, onboarding, and churn for **50+ managers**; automated daily call-statistics reports to reduce manual reporting and review.
- Built a reusable **LLM orchestration layer** for lead classification and dynamic academic content generation, automatically generating up to **100 LaTeX-formatted questions** per batch.
- Automated finance tracking through end-to-end **Razorpay settlement reconciliation** covering **INR 2L+ monthly**, with scheduled synchronization, exportable dashboards, and historical data backfills.

Switch My Loan – Software Engineer

May 2024 – Jan 2025 | Remote

- Reduced vendor data processing time by **80%** by engineering automated data pipelines integrating multiple third-party loan providers.
- Built the core loan eligibility and offer computation engine in Node.js and Express, powering **500–650 monthly loan switches** across **25+ providers**.

Codosphere – Software Engineer

Jan 2022 – Feb 2024 | Bengaluru, India

- Increased online sales by **30%** by architecting and developing an enterprise e-commerce platform end-to-end.
- Designed scalable RESTful microservices, validated API behavior using Postman test suites, and optimized PostgreSQL and MongoDB queries to support database performance and reliability.

Projects

AI Video-to-Notes Pipeline (Relay) | Next.js, Bun, Hono, BullMQ, Redis, Whisper

[Live Demo](#) | [GitHub](#)

- Built an AI pipeline that transcribes speech using Whisper and analyzes video frames to generate structured, timestamp-cited Markdown notes; implemented background job queues and multi-LLM failover to handle rate limits.

Property Reservation Engine (Hosto) | Next.js 16, React 19, Bun, PostgreSQL 18, AWS S3

[Live Demo](#) | [GitHub](#)

- Developed a property reservation platform with interactive calendar availability, automated maintenance turnover buffers between guest stays, and host-managed booking approval workflows.

Streaming & Global Radio Platform (Cinevo) | Next.js 16, React 19, Prisma, PostgreSQL, Docker

[Live Demo](#) | [GitHub](#)

- Built a full-stack media streaming platform with cross-device watch-history synchronization and a worldwide live radio player featuring **1,280+ stations**, a real-time Web Audio API 3-band equalizer, background playback, and dead-stream recovery.

Visual Workflow Automation Platform (Automend) | React 19, Vite, Bun, BullMQ, Redis

[Live Demo](#) | [GitHub](#)

- Developed a self-hosted workflow automation platform with a drag-and-drop visual flow builder using [@xyflow/react](#), asynchronous background execution queues, and OAuth integrations for Slack and Google.

Education

BMS Institute of Technology – B.E. in Computer Science Engineering

2018 – 2021 | Bengaluru, India

A.K Polytechnic – Diploma in Computer Science

2012 – 2016 | Bengaluru, India