

BAMMIDI GOVINDA RAO

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SUMMARY

Full-stack developer with 2 years shipping production software used daily by Indian schools. Build a multi-tenant school ERP end to end – schema-per-tenant PostgreSQL, Node.js/Express APIs, React/TypeScript interfaces – and own what comes after the code: migrations, releases, deployments, and debugging live incidents while schools are mid-session.

SKILLS

Languages: JavaScript, TypeScript, Python, C++, SQL, HTML, CSS

Frameworks/Libraries: React, Next.js, React Native, Node.js, Express.js, Tailwind CSS, Material UI, WebRTC

Databases/Cloud/Tools: PostgreSQL, MongoDB, Firebase, REST APIs, JWT, Docker, Nginx, DigitalOcean, GitHub Actions (CI/CD), Vitest, Git, Jira, Vercel

EXPERIENCE

Full Stack Developer

Sep 2024 – Present

maahita technologies

Remote

- Ship features end-to-end across **15+ modules** of a multi-tenant school ERP – admissions, attendance, curriculum, timetable, marks, fees, subscriptions, parent communication – owning each from requirement to release.
- Helped move the platform from single-tenant Firebase to **schema-per-tenant PostgreSQL**, setting the tenant search path per connection so one codebase serves every school with hard data isolation.
- Built Firebase JWT auth, **role-based access control** across four roles and subscription-driven feature gating; integrated **Razorpay** billing with webhook-driven subscription state.
- Designed the fees and receipts model with **snapshot-frozen receipts (JSONB + BYTEA)** so a reissued receipt still reflects the terms at the time of payment, and moved list endpoints to **server-side pagination**.
- Own git workflow, releases and **Docker/Nginx deployments on DigitalOcean** via GitHub Actions; added CI gates for schema drift; debug live production issues during active school usage.
- Revamped the official company website (**40%** better performance scores) and integrated **WebRTC** for real-time classroom sessions.

Content Administrator

May 2025 – Present

maahita technologies

Remote

- Own the company's LinkedIn content strategy – technical and product storytelling that grew engagement by **60%**.

PROJECTS

maahita School ERP | *React, TypeScript, Node.js/Express, PostgreSQL, Firebase, Docker*

2024 – Present

- The platform maahita sells – one product serving many Indian schools, each with fully isolated data, covering the academic year from enrolment through timetables, exams, fees and reporting.
- Every school runs in its own PostgreSQL schema, resolved per request, so no school can read another's data; **240+ versioned migrations** with paired rollbacks and a CI drift check keep every schema in step.
- 570 REST endpoints** and **680+ test files** across two repositories; Razorpay billing, PDF fee receipts and WhatsApp Business broadcasts on one backend.

Vinodam – Live Quiz Platform | *React, Firebase, real-time sync*

2026

- Real-time quiz platform for school events – an admin control panel, a projector display and every participant's phone stay in sync. Built solo as a prototype in weeks, adopted as an official maahita product, and ran its first live event for **300 students** with zero downtime.

EDUCATION

B.Tech in Artificial Intelligence and Machine Learning

2021 – 2025

Sri Venkateswara College of Engineering and Technology, Srikakulam

Grade: 8.17/10 | Gold Medalist

ACHIEVEMENTS

Academic Excellence: Awarded the **Gold Medal** for the 2025 B.Tech graduating batch.

Writing & Community: 12,000+ LinkedIn followers; engineering journal at govind.dev documenting production lessons from building the ERP.