

# Samya Brata Maji

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## Experience

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### Maxim AI

November 2025 – Present

#### Systems Engineer

- Built **Litellm compatibility shim** that converts request types, and **automatically dropping unsupported model params**.
- Integrated elevenlabs and groq as providers for bifrost, added support for **adding multiple deployments** for keyless providers like Ollama and SGLang.
- Added support for adding **multiple OTEL profiles** for push based connectors, enabling per-environment or per-tenant telemetry routing, and support for **vercel and open inference OTEL formats**.
- Worked on maxim's logs ingestion pipeline to handle large traces and **bifrost deployment** for maxim.

### Self-employed

July 2024 – Oct 2025

#### Freelance Full-stack Engineer

Remote

- Working as a full-stack engineer (react and postgresql), helped **20+ clients**, built saas applications and internal tools.
- Developed an internal ios app to schedule cancelled appointments, notify users, two way sync (via csv only) across multiple crms like Wellsky and track incentives (Momentra).
- Built an ai image generation pipeline, migrated records from airtable to payloadcms and postgresql, did technical seo, increased pageviews from 10k to 70k (Hilvy).
- Developed a supplements directory with cms integration, added live content editing, ratings tracking and custom forums (supporting mentions, nested comments and markdown editor) (Suppalyze).

### Venus Remedies Limited

Jan 2024 – Aug 2024

#### Software Developer Intern

Remote

- Developed frontend in nextjs (typescript) and tailwindcss, user authentication, forms, budibase integration, etc.
- Built an internal admin dashboard where admins can manage users, observe metrics and invite collaborators with different access permissions.

### Baires Dev

June 2023 – Nov 2023

#### Technical Writer

Remote

- Published articles on Java's Garbage Collection, Concurrency & Multi-threading, Unit Testing, Integration testing, Smoke testing, Shift Left Approach, etc.
- Received 40k+ pageviews.

## Projects

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### Budgetbee | *Linear for personal finance, React, PostgreSQL, PostgREST, Oracle VPS*

- Secure personal finance tracking software.
- Tracks transactions, line items, subscriptions and budgets with optional double entry.
- Google sheets sync, notion sync, n8n integration, keyboard shortcuts.

### Atomo | *Extremely fast file manager, Tauri, Rust*

- Solves most of the problems with windows file explorer like slow search, no multi-pane views and unreliable copying or moving.
- Supports fuzzy searching (can search through **100k files and directories in 100ms approx**).
- Multi-pane views, **reliable copying** and customization.
- **WASM based Plugin system** to extend functionality and run untrusted code.

### Term ai | *Next.js, PostgreSQL, Redis, Google Cloud Run, Websockets, Docker*

- Developed a cloud IDE (like Github Codespaces or Replit) for Neovim (winner Hack4Bengal 3.0).
- Deployed project using Google Cloud Run and Pulumi.

## Technical Skills

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**Languages:** Javascript, **Typescript**, Java, Python, **C**, **Rust**, OCaml, Golang

**Web:** React.js, Next.js, TailwindCSS, Nodejs, Express, Prisma, tRPC, GraphQL, jQuery, Kafka, LangChain

**Databases:** PostgreSQL (pg\_vector\_scale, pg\_bouncer, pg\_trgm, HStore, PostGIS), Redis

**Cloud:** PostgreSQL, Redis, Nginx, AWS (EC2, EKS, ELB, S3, SES, SQS), Docker, Pulumi, Kubernetes, Linux, Snowflake

## Achievements

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- Worked with 20+ clients, including **3 healthcare startups**.
- Winner of East Asia's biggest hackathon, Hack4bengal 3.0
- Winner of Hack Around The World 2.0, by MLH Hacks, a global hackathon that received 1000+ participants.

## Education

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**Maulana Abul Kalam Azad University Of Technology**

*Bachelor of Technology in Computer Science and Engineering (B. Tech. CSE)*

July 2022-26

Kalyani, India

**St. Paticks Higher Secondary School, Asansol**

*ICSE and ISC*

April 2010-22

Asansol, India