

TUSHAR NATH

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Education

Assam Engineering College

B.Tech in Electronics and Telecommunication Engineering

June 2024

Guwahati, Assam

Experience

Chronicle

September 2025 – Present

Software Engineer – Fulltime

Remote

- Architected and shipped Chronicle's hosted **MCP (Model Context Protocol) server** (mcp.chroniclehq.com) — a production **TypeScript** service exposing **8 tools** that let **Claude** and **ChatGPT** generate presentations, with **WorkOS OAuth**, **JWT auth**, and **async polling**; deployed on **AWS ECS** via **Docker** and **CI/CD**.
- Designed and built Chronicle's first **public REST API** (api.chroniclehq.com) — **API-key** and **OAuth** auth, presentation generation, templates, and **S3** presigned-URL attachments — powering third-party and no-code integrations.
- Authored and published **@chroniclehq/n8n-nodes-chronicle** to **npm** and **n8n's** official community-node directory (6 operations); passed n8n's strict-mode security review.
- Drove Chronicle's submissions to the **Anthropic MCP directory** and **OpenAI ChatGPT app directory** — tool annotations, domain verification, and **CORS/security** setup required for listing.
- Built **chronicle-api-poc**, a **Next.js** reference app (live on Vercel) demonstrating real-time generation over the public API, and authored the public **developer docs**.
- Shipped core **Muse** AI-generation UX in the **React/XState** app — streaming tool-call visualization, cancel/abort, and live-document editing over **Yjs/Liveblocks** CRDTs — plus a workspace-scoped **API-keys management system** (backend + React UI).

Gynoveda

July 2024 – August 2025

Software Engineer – Fulltime

Mumbai, Maharashtra

- Engineered an internal **Appointment Desk** tool (**NextJS**, **TypeScript**, **TailwindCSS**) integrating **Calendly APIs** to surface scheduled appointments across multiple clinics.
- Spearheaded the migration from **Shopify** to a custom solution — owning the **system design** and **high-level architecture**, and building the backend in **NodeJS/Express** with a **NextJS** frontend on **AWS EC2**.
- Built data pipelines centralizing lead and patient data from **Shopify**, **Ozonetel**, and **Kapture CRM** into **PostgreSQL**, plus **Metabase** dashboards (via **Docker**) for business intelligence.

Matt Young Media (MYM)

December 2022 – May 2024

Software Engineer – Fulltime

Remote

- Optimized backend throughput with **AWS SQS** and **Lambda** for delayed request handling, plus **Redis** caching.
- Integrated **LinkedIn APIs** to automate lead generation and follow-ups, increasing qualified leads by **35%** and sales conversions by **18%**.

Internships

August 2021 – September 2022

- Curiosify** — Web Developer Intern (Jul–Sep 2022): built client-side interfaces from Figma designs in **ReactJS** and **TailwindCSS**.
- My Analytics School** — Software Developer Intern (Mar–Apr 2022): built **RESTful web services** with **Spring**, **Spring Security**, and **JWT** auth.
- Kunhi Software Incubator** — Software Developer Intern (Aug 2021–Jan 2022): built **RESTful APIs** in **Scala**, tested with **Postman**.

Projects

Learning App | ReactJS, NodeJS, TypeScript, TailwindCSS, MongoDB

March 2024

- Built a **ReactJS/NodeJS** app in **TypeScript** for Norwegian language learning — interactive flashcards, **Google OAuth**, and the **SM2 algorithm** for spaced repetition.
- Backend Github Code, Frontend Github Code.

Technical Skills

Languages: TypeScript, JavaScript, C++

Frameworks: Node.js, Express, React, Next.js, XState, ProseMirror

AI / Integrations: Model Context Protocol (MCP), LLM tool-calling, OAuth (WorkOS), n8n

Realtime / Data: Yjs & Liveblocks (CRDTs), GraphQL, PostgreSQL, Redis, MongoDB

Infra / DevOps: AWS (ECS, S3, Lambda, EC2), Docker, CI/CD, Doppler

Testing / Tooling: Vitest, Cypress, Git, pnpm monorepo

Extracurricular

- Solved **250+** LeetCode problems.
- Contributed to **Facebook's StyleX** open-source project.