Syed Basim

Bengaluru, India | contact@thesyedbasim.com | github.com/thesyedbasim | linkedin.com/in/syedbasim | thesyedbasim.com

SUMMARY

Full-stack developer and Artificial Intelligence & Machine Learning undergraduate who leads a small engineering team building and operating a production enterprise email-marketing and sales-intelligence platform. Works end to end from Next.js/TypeScript interfaces to Python data pipelines, MySQL at scale, and low-downtime infrastructure migrations, with a growing focus on cloud architecture and distributed-systems simulation.

EXPERIENCE

Ton Technology Services Pvt. Ltd. July 2025 - October 2026

Technology Intern tontechnologyservices.com

- Led a team of 8 engineers delivering the infrastructure and backend for a production enterprise email-marketing and sales-intelligence platform, owning the release process, code review, and technical direction.
- Executed a low-downtime migration of the backend systems and production database to new infrastructure while serving live user traffic, cutting the database over under active connections and confining downtime to a brief DNS/API-route switch.
- Designed a GitHub Actions CI/CD pipeline that safely recreates Dockerized worker containers on each release without disrupting stateful base services, eliminating manual redeployment across the fleet.
- Established a disaster-recovery process with automated daily backups and hardened release reliability through PR-gated builds, auto-approval, and config-flag enforcement, reducing production risk and manual overhead.

PROJECTS

Cloud Architecture Simulator - Interactive failure and capacity simulation cloudsim.thesyedbasim.com

- Built a browser-based cloud architecture simulator (React, TypeScript, PixiJS, Zustand) that draws designs on an isometric blueprint canvas and pushes live traffic through them, showing queue depth, saturation, and failures on each component.
- Engineered a pure-TypeScript simulation engine, unit-tested with Vitest, with failure scenarios, plain-language bottleneck explanations, fixes suggested by experiment, a capacity finder, SLO tracking, and before/after design comparison.

Unimate - Campus Automation Platform unimatehq.vercel.app

- Built a cloud-native architecture on AWS (Lambda, DynamoDB, S3, API Gateway, SES) with web interfaces in Next.js, TypeScript, and React.
- Engineered modules for event ticketing, NFC payments, order tracking, and multi-campus club management, with UI/UX designed in Figma.

SKILLS

Languages: TypeScript, Python, Go, SQL, JavaScript, HTML/CSS
Frameworks & Runtime: Next.js, React.js, Node.js
Data & Cloud: AWS, Docker, MariaDB/MySQL, PostgreSQL, MongoDB, DynamoDB, Apache Airflow, Linux
AI / ML: LangGraph, LangChain, LLMs, Ollama, Hugging Face
Practices: CI/CD pipelines, cloud architecture, database design, containerization, SEO

EDUCATION

Presidency University, Bangalore - BTech, Artificial Intelligence & Machine Learning 2022 - 2026

The Asian School, Bahrain - CBSE, Grades 10 & 12 2020 - 2022

LEADERSHIP & ACHIEVEMENTS

- Cloud Lead - Google Developers Group | Presidency University
- Smart India Hackathon 2024 - 4th place | SimplyVision, AI smart glasses.
- Pac Hack (National) - Top 15 | Persevere Pro.
- Medcuore Innovation Challenge - Top 10 | National Pitchathon, IITM Research Park.