

Sayem Siddique

Full-Stack Developer

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SUMMARY

Full-stack developer with a background in cloud infrastructure and system optimization. Builds scalable applications with TypeScript and modern frameworks, bridging backend architecture and UX — with hands-on CI/CD, performance tuning, and high-availability production experience.

EXPERIENCE

Junior Full-Stack Developer · Done 5 Technologies Mar 2023 – Oct 2024

- Owned the full development lifecycle for 25+ client applications, from requirements to production support.
- Optimized Apache/Nginx and MySQL configurations, reducing client-facing downtime by 30%.
- Built CI/CD automation with shell scripting that cut manual deployment overhead by 40%.
- Executed 10+ zero-downtime migrations and authored the SOPs the team still runs on.

Teaching Assistant — Cloud Computing & Web Architecture · Sacred Heart University Mar 2025 – Jul 2025

- Mentored 30+ graduate students through AWS fundamentals — VPC networking, EC2 provisioning, and S3 storage design.
- Automated lab environment provisioning with scripted setups, cutting student setup time by 50%.
- Guided students through debugging full-stack coursework across frontend, API, and database layers.

Junior Web Developer · Done 5 Technologies Nov 2021 – Feb 2023

- Maintained and extended client websites — feature development, bug fixes, and content tooling.
- Resolved 90% of client issues at first contact while building database, server, and environment fundamentals.

IT & Systems Support · Chattogram Notre Dame School & College Jan 2021 – Sep 2021

- Ran web infrastructure for a 50+ staff institution at 98% availability, including event-day deployments.

SKILLS

Languages	JavaScript (ES6+), TypeScript, Python, SQL (MySQL, PostgreSQL), Bash	Backend & APIs	Node.js, Express, RESTful APIs, Prisma ORM
Frontend	React, Next.js, Astro, Tailwind CSS, Shadcn/UI	AI/ML Integration	OpenAI API, Prompt Engineering, Vector Databases
Cloud & DevOps	Vercel, Render, AWS (S3, EC2, IAM), Docker, Git, CI/CD pipelines		

FEATURED PROJECTS

Joy Curry

Production restaurant platform — storefront, ordering & admin
pnpm/Turborepo monorepo: Astro SSR frontend with React islands, Express + PostgreSQL API. JWT/bcrypt auth, integer-currency handling, 145 menu items across 12 categories. Live on Vercel + Render.
Astro SSR · React · TypeScript · Express · PostgreSQL · Turborepo

KISMET

AI-assisted image discovery CLI with zero-trust validation
Python 3.12 CLI pairing a local Ollama/llama3 model with 6-provider parallel image discovery and automatic failover. Async downloads, perceptual dHash de-duplication, 110 passing tests, shipped with Docker.
Python 3.12 · Ollama/llama3 · asyncio · Pillow · pytest · Docker

EDUCATION & CERTIFICATIONS

M.S. Computer Science & IT

Sacred Heart University · 2025

B.S. Textile Engineering

Port City International University · 2022

Machine Learning Specialization – Coursera, 2023

Google IT Support – Coursera, 2022

Microsoft Virtual Internship – Forage, 2021