

SKILLS

Infrastructure & Deployment: Server provisioning and security hardening from scratch, domain & DNS setup, HTTPS/SSL configuration, production containerization with Docker, reverse-proxy and routing with Nginx & Traefik, PM2, CI/CD (GitHub Actions)

Cloud (AWS): Building and running production applications on AWS — EC2, S3, CloudFront, RDS, Route 53, VPC networking, Lightsail

AI & Data: RAG pipelines, vector databases, data ingestion, embedding generation, workflow scheduling & orchestration (Temporal)

Web Development: Python (FastAPI, Django, Flask), JavaScript/TypeScript (React, Next.js, Remix, Fastify), Tailwind CSS, Styled Components, Shadcn, PayloadCMS

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis

Platforms: GoHighLevel marketplace app development & integrations

Practices: Automated testing (unit & integration), API design, performance tuning, product discovery & rapid iteration

PROFESSIONAL EXPERIENCE

Software Engineer, [Spacesoft.co](#)

October 2023 – Present

- Led a small team to design, build, and ship AI RAG products end to end, taking production-ready retrieval and automation features from idea to launch.
- Took **two large-scale applications from development to live production** across self-managed servers and AWS, owning everything from server setup to secure, reliable hosting.
- Built the cloud infrastructure for these projects on AWS — EC2, S3, CloudFront, RDS, Route 53, and VPC networking — keeping them running smoothly and ready to scale as usage grew.
- Containerized applications with Docker and configured Nginx/Traefik routing with automated HTTPS, making deployments repeatable and secure.
- Built an automated CI/CD release pipeline with GitHub Actions, removing manual deployment steps and speeding up delivery.
- Improved API performance and caching in production, **cutting CPU usage by ~80%**, and streamlined deployment for three customer-facing Shopify apps.
- Modernized several legacy Chrome extensions and their companion web app, **reducing new autoresponder integration time by ~70%**.
- Built apps for the **GoHighLevel marketplace**, developing hands-on expertise in its app ecosystem and integrations, and launched a subscription & billing system supporting paid usage in production.
- Contributed to a Hajj/Umrah management product under strict compliance requirements, adding an in-platform complaint-management workflow, and mentored junior engineers through code reviews and pairing.

Full Stack Engineer, [Miicon Software Solutions](#)

September 2022 – October 2023

- Built an automated trip-request system that assigned drivers based on trip requirements, improving booking efficiency and customer satisfaction.
- Developed an application-management backend that tracks and processes recruiter and applicant submissions end to end, simplifying the workflow.
- Cut API response time by 50%** on data-intensive requests using async and multithreading.
- Built an API gateway for a multi-tenant system handling requests across 5 microservices, centralizing routing, authentication, and authorization.
- Added unit testing with Django's test framework and owned the related execution tasks.

PROJECTS

Skindsight – AI Skincare Solutions | [Skindsight.me](#)

Tech Stack — Next.js, Redux, Jest, Cypress, FastAPI, MongoDB, Supabase, Docker

Built a skincare recommendation service that suggests personalized products based on a user's skin condition.

- Generated tailored product recommendations by skin type, with options to buy, save, or review, plus alternative-product discovery.
- Created custom skincare regimens matched to each skin type and added social integration for sharing and viewing video reviews.
- Implemented social and manual authentication with Supabase, and unit + integration testing across both frontend and backend.

ACADEMIC QUALIFICATIONS

B.Sc. in Computer Science

January 2018 – February 2022

Brac University, Dhaka

CGPA **3.71** on a scale of **4.0**

Higher Secondary Certificate

April 2014 – May 2016

Cambrian College, Dhaka

GPA **5.0** on a scale of **5.0**

OTHERS

Research Contributions

Generation of realistic images from hand-drawn sketches using deep learning

- Conditional GAN
- TensorFlow 2.2
- Dspace Bracu – [View Paper](#)

Interests

- Artificial Intelligence
- Problem Solving
- DevOps
- Learning Languages
- Sports