

SHAMIM

2+ years of experience in Backend & Distributed Systems (Python | Cloud | AI)

 LinkedIn

 GitHub

 Jatrabari, Dhaka, Bangladesh

 +8801533872564

 anamulislamshamim117@gmail.com

PROFESSIONAL EXPERIENCE

Remote Backend Engineer (Mid)

Short Circuit Science – AI-driven Software (Medical & Sports Research) 

12/2024 – Present | London, UK

- **Built and scaled Cricket GUI backend** (Python, FastAPI, DRF, WebSockets, AWS, Docker), cutting latency **40%** and reducing simulation wait time from **60s → near-instant** for 100+ cricket boards & 1k+ clubs.
- **Automated infra & optimized AI pipelines** (Terraform, Ansible, CI/CD, Celery, SQS, NumPy, PostgreSQL, Redis), reducing deployment time **50%**, enabling **zero-downtime releases**, and cutting simulation latency from **60s → <5s** with **40% lower resource use**.

Remote Backend Engineer

Naiyani Inc – SaaS Startup (E-commerce Research Platform) 

02/2024 – 02/2025 | Toronto, Canada

- **Built and scaled core backend** (Python, Django, Redis, Celery, AWS) powering SaaS platform for **5k+ sellers**, reducing product research time **95%**, with **99.8% uptime** across **100k+ monthly SP-API requests**.
- **Integrated Stripe billing (\$500K+/mo, PCI-compliant)** and optimized infra (EC2, RDS, S3) to scale **3x during peak traffic**, while **mentoring** frontend team to cut integration bugs **40%**.

Junior Web Developer, Kreatech – Full-stack development (MERN) | Nov 2023 – Feb 2024 | Dhaka, Bangladesh

AWARDS/ACHIEVEMENTS

- **Most Impactful Player Award (2024), Naiyani Inc** – Honored as top individual contributor for leading backend development and driving key platform growth.
- **Piscine Bootcamp Champion (42 Wolfsburg)** – Team champion, Top 10 individual ranking, and received admission offer from 42 Wolfsburg with **Scholarship**.

EDUCATION

Higher Secondary School Certificate (HSC) – Udayan Uchcha Madhyamik Bidyalaya , Dhaka, Bangladesh
01/2017 – 12/2019 | GPA: 4.33/5

Equivalent practical experience: 2+ years of backend engineering with distributed systems, cloud (AWS), CI/CD, scalable system design, and strong focus on Algorithms & Data Structures.

SKILLS

Technical Skills:

- **Programming & Frameworks:** Python (Expert), Go, Java; Django, DRF, FastAPI
- **Databases & Messaging:** PostgreSQL, MySQL, MongoDB, Redis, Kafka, SQS
- **Cloud & DevOps:** AWS (EC2, S3, RDS, SQS, CloudFront, CloudWatch), Docker, Kubernetes, Nginx, IaC, CI/CD
- **System Design:** Scalability, High Availability, Concurrency, CAP Theorem, Reliability, Load Balancing, Fault Tolerance
- **AI & ML:** FAISS, Hugging Face, Scikit-learn, RAG, LangChain, Gemini, OpenAI, Pandas, NumPy
- **No-Code Automation:** n8n, Zapier

PERSONAL PROJECTS

- **AI PDF & Chatbot Platform** – Built a Django-React app with RAG (Llama 2 + FAISS), improving search accuracy **35%** and cutting response latency to **<200ms** for real-time multi-user interactions.
- **AI Sentiment Analyzer** – Developed sentiment model (Llama 2 + HuggingFace) with **92%+ accuracy**, scaling to **1k+ concurrent users** with **<250ms** response time via WebSocket-enabled Django backend.
- **Workflow Automation**: Built an AI-driven automation using **Gemini-2.5-Flash, n8n, and Monday.com**  API to fetch and structure **1K+ product records** and auto-convert incoming order emails into structured Monday.com  tasks, **eliminating 90% of manual data entry and task creation time**.

EXTRA-CURRICULARS & COURSEWORK

Competitive Programming:

- Solved **500+ algorithmic problems** on LeetCode and HackerRank; earned **HackerRank Gold Badge** in Python

Course Work/Training:

- **Algorithms and Data Structures** (YouTube): FreeCodeCamp Course by a Google Engineer.
- **Object-Oriented Design:** University of Alberta
- **Bootcamp:** Programming Hero **Complete Web Development** (MERN).
- **Automation:** Google IT Automation with Python Professional Certificate
- **IT Security:** IBM Cybersecurity Analyst Professional Certificate