

Osman Goni Nahid

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SKILLS & COMPETENCIES

- Language & Frameworks:** Python, NodeJS, Typescript, Golang, Erlang, Flask, Django/DRF, FastAPI, Django, NestJS, ExpressJS, Ejabberd, Erlang/OTP.
- Data & Storage:** PostgreSQL, MySQL, MongoDB, Cassandra, Redis, Elasticsearch, Neptune GraphDB.
- Cloud & DevOps:** Docker, Kubernetes, Helm, Terraform, Prometheus, Grafana, Loki, CI/CD, AWS, Azure.
- AI Platform & MLOps:** Model Deployment, GPU Scheduling, AI Inference Optimization, Observability, Multi-cluster Orchestration, Model Benchmarking.

WORK EXPERIENCE (s)

Open Innovation AI L.L.C.

Senior Software Engineer / Technical Lead

Nov. 2024 – Present

Abu Dhabi, UAE

- I Lead Initiatives of designing and developing core MLOps infrastructure to simplify AI workload deployment, scaling, inference optimization across NVIDIA, AMD and MIG environments
 - Key Results:** Reduced AI workload (model) deployment time by 60% through intelligent workload scheduling and resource management.
 - Built a Kubernetes-based GPU orchestration system with real-time cost tracking and utilization analytics via Prometheus and Loki.
 - Developed model benchmarking and inference optimization systems improving throughput and latency across clusters.

Comera Technology L.L.C.

Lead Software Engineer (Backend & XMPP)

Jan. 2023 – Oct. 2023

Abu Dhabi, UAE

- I designed, implemented, and scaled XMPP microservices to ensure low-latency communication and reliable real-time data delivery AND led a 5-person sustenance team improving platform reliability and reducing MTTR.
 - Key Results:** Architected microservices handling 5M+ daily stanzas and 30K+ concurrent users, reducing database load by 30%.
- Designed and built distributed Erlang *gen_statem* modules for mass message broadcasting and user presence tracking, enabling large-scale, reliable messaging infrastructure.
 - Delivered seamless announcements, greetings, and notifications to 4M+ users concurrently with high availability and minimal latency.
- Designed and implemented video transcoding and adaptive bitrate streaming optimizing video quality dynamically based on network bandwidth for MizMiz (a TikTok like platform)
 - Achieved smooth, uninterrupted video streaming experience with high audience satisfaction.
- Architected and led Comera-Souq, a hybrid multi-vendor B2C marketplace.
 - Generated Comera's first revenue stream through collaborations with nationwide brands.

Raena R.U L.L.C.

Engineering Lead / Technical Lead

Oct. 2021 – Dec. 2022

Abu Dhabi, UAE

- Led the development of core backend services powering Indonesia's largest beauty resale ecosystem with 100K+ active sellers and nationwide reach.
 - Key Results:** Built a 3PL logistics aggregator that reduced supply chain costs by 40% and increased revenue by 20% through smarter route optimization and vendor selection.
- Developed a dynamic promotions engine and "rDash360" omnichannel SaaS platform supporting merchants across multiple marketplaces.
 - Increased* overall sales by 10% and *reduced* reseller operational overhead by 30%, streamlining campaign management and order workflows.
- Mentored engineers and collaborated with DevOps to enhance CI/CD pipelines and system performance.

- Evaly** May. 2019 – Sep. 2021
Dhaka, BD
Chief Technology Officer (CTO)
- Directed the technology vision and roadmap for Bangladesh's largest eCommerce ecosystem, serving 7M+ users, 400K+ daily active users, and generating BDT 7500 crore+ in gross revenue.
 - Key Results:** Scaled backend infrastructure to 1M+ requests per minute across 30+ microservices, ensuring 99.95% uptime
 - Built and led a 100+ member engineering organization, fostering innovation and technical excellence across product, DevOps, and data teams.
 - Delivered 8 digital ventures including *eFood*, *eKhata*, *eJob*, *eConnect*, and *eHealth*, accelerating platform diversification and user engagement.
 - Architected and migrated core systems to a cloud-native stack on Kubernetes (AWS & Azure).
 - Reduced infrastructure cost by 25% and improved service reliability through autoscaling and observability enhancements.
 - Collaborated with C-level leadership to align business strategy with technology execution.
 - Enabled rapid product iteration cycles and shortened feature release timelines by 35%.

Lead Engineer

- Joined as the founding engineer and led the creation of Evaly's first eCommerce platform prototype, transforming a concept into Bangladesh's largest digital marketplace within two years.
 - Designed and developed the initial MVP architecture, backend services, and deployment pipelines that formed the foundation of Evaly's multi-vertical ecosystem.

- EkkBaz** June. 2017 – May. 2019
Dhaka, BD
Engineering Lead
- Led a 20-person engineering team developing a B2B supply-chain platform with 15+ microservices.
 - Created location-aware route optimization for sales agents, increasing field efficiency by 25%.
 - Developed a real-time XMPP chat system to unify supplier–retailer communication.

- Inovio Technology L.L.C.** June. 2016 – May. 2017
Dhaka, BD
Software Engineer
- Built backend systems for a live tutoring platform and banking digital wallet, improving latency by 20%.
 - Designed and developed a personalized meal planner using user health metrics to optimize recommendations.

- Power GP BD Ltd.** Feb. 2015 – May. 2016
Dhaka, BD
Software Engineer
- Contributed to backend systems for streaming and eCommerce platforms, enabling high concurrency and uptime.

EDUCATION

- Daffodil International University** December 2016
Dhaka, BD
BSc, Software Engineering
- GPA:** 3.77/4.0

OPEN SOURCE & PROJECTS

- osmangoninahid/gitgossip:** AI-powered Git repository insights and commits summarizer CLI.
- potaka()**: Bengali sentence-based programming language for beginners.
- osmangoninahid/spready**: Modular Node.js REST API scaffolding generator.
- osmangoninahid/flaskipy**: Python/Flask CRUD scaffolding tool.
- osmangoninahid/k8s-cleaner**: Kubernetes DaemonSet to clean stale pods, replica sets, and images.
- osmangoninahid/nestjs-shopee**: Shopee API v2 integration library for eCommerce automation.

AWARDS

- Champion (People's Choice):** NASA Space Apps Challenge Bangladesh – 2016.