

Ahmed Rizawan

Production Engineer | DevOps and Site Reliability Consultant

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SUMMARY

Production engineer and DevOps consultant with 15+ years building and running production software. Make deploys reliable with CI/CD, Terraform and Ansible; reduce outages with Prometheus and Grafana monitoring, SLOs and postmortems. Remediate security vulnerabilities, review code for security, tune performance and integrate AI into live systems. Based in Bangkok (UTC+7); work with product teams in Europe and the US.

SKILLS

Reliability and DevOps: Site reliability engineering (SRE), CI/CD, infrastructure as code, Terraform, Docker, Kubernetes (GKE), Ansible, Helm, GitHub Actions, GitLab CI, monitoring and observability, Prometheus, Grafana, SLOs and SLAs, incident response, postmortems, on-call

Security: vulnerability remediation, security patching (code, dependencies, servers, containers), security code review

Cloud and hosting: AWS, Google Cloud, Cloudflare, Hetzner, Vercel, Linux

Backend and data: Node.js, TypeScript, PHP, Laravel, Python, Bash, FastAPI, SQL, PostgreSQL, MySQL, Supabase

Frontend and mobile: Next.js, React, React Native, Expo

AI integration: OpenAI and Claude APIs, RAG, AI agents, workflow automation

PROFESSIONAL EXPERIENCE

Contract Engineer, Production Operations, Taptober and Nabro

01/2026 - Present | Remote (Bangkok, Thailand) | Clients: Bygg Bevaring AS, Nabro AS

- Operate Taptober, a multi-tenant Oktoberfest league platform (FastAPI, Expo, Hetzner); shipped the Oslo Oktoberfest 2026 launch with over-the-air releases and smoke-gated deploys.
- Built and run Nabro, a neighbourhood quiz platform live on the App Store (Next.js, Supabase, Vercel, Expo).
- Run release, QA and handover discipline across both: smoke suites, incident reports and postmortems, documented runbooks.

Full Stack PHP Developer, Iglu

08/2024 - Present | Bangkok, Thailand (hybrid), full-time

- Develop and maintain APIs and microservices, and keep systems stable with backup solutions.
- Create automated software testing procedures and apply DevOps practices to the development workflow.

Founder and Principal Engineer, Thea Tech Solutions Ltd

03/2023 - Present | Remote (Bangkok, Thailand)

- Provide production reliability, security review and AI integration for client systems.
- Cut a client's compliance screening from 4 hours to 45 seconds with custom AI agents, Claude and RAG.
- Screen against 1.7M+ sanctions records at about \$0.03 per check versus \$2-5 for enterprise tooling, live across 12+ repositories.
- Delivered a complete async quiz platform for a Norwegian client as sole engineer: 236 tasks, 600 passing tests, 3 apps, on deadline.
- Built a production RAG sales assistant for WooCommerce with sub-500 ms AI response latency across large product catalogs.

Co-founder and Technical Lead, MyMuayThai

03/2025 - Present | Thailand

- Lead technical delivery of a platform for finding and booking Muay Thai gyms and trainers in Thailand.

Full Stack Engineer and DevOps, Moo Gruppen AS

08/2020 - 09/2025 | Oslo, Norway (remote), full-time

- Automated infrastructure deployments with infrastructure as code and CI/CD pipelines.
- Developed integration microservices that sync millions of records between systems.
- Monitored services and servers; optimised web shop speed with caching and network optimisations.
- Integrated OpenAI-based AI functions and XRPL blockchain into microservices.

Site Reliability Engineer, Qwil

10/2019 - 04/2020 | Remote

- Operated infrastructure with Terraform, Google Kubernetes Engine and GitLab CI; ran security patching and on-call duty.

Full Stack Engineer (part-time), Nomadory

03/2020 - 09/2020 | Remote

- Managed AWS servers, built the backend admin, deployed to staging and live, designed scalable APIs and reviewed code for security.

Earlier roles

- Senior Full Stack Developer, Patch Homes (05/2016 - 01/2020)
- Full Stack Developer (part-time), Kyra and Vir (01/2018 - 04/2019)
- Senior DevOps and Product Designer, HungryNaki (09/2013 - 12/2018)
- Head of IT, Rebate Networks / OScom (01/2011 - 09/2012)

PROJECTS AND OPEN SOURCE

DistillPrompt (theatechsolutions.com/app/distillprompt): free native macOS app; a global hotkey rewrites rough prompts into production-quality ones, on-device with Apple Foundation Models or with your own API key.

vidlizer (github.com/arizawan/vidlizer): Python CLI that turns any video, image or PDF into structured JSON using local or cloud LLMs; ships an MCP server. Sole maintainer.

EDUCATION

Diploma in Engineering, Computer Engineering, SAIC Institute of Management and Technology, Bangladesh | Graduated 2011