

Contact

+880 168 70 60 434 (Mobile)
alamin.root@gmail.com

www.linkedin.com/in/alamin-mahamud (LinkedIn)

Top Skills

Ansible
Microsoft Azure
Traefik

Languages

Turkish (Limited Working)
Urdu (Full Professional)
Hindi (Native or Bilingual)
English (Native or Bilingual)
Bangla (Native or Bilingual)

Certifications

Observability with Grafana,
Prometheus, Loki, Alloy and Tempo

Honors-Awards

Hackathon Champion
App Fest Runner Up

Alamin M.

AI, Cloud & MLOps | Crafting AI-Powered Infrastructure for Global Scale | Source Code Podcast Host | Driving \$20M+ ARR, \$1M+ Savings, 99.99% Uptime | 10+ Years of Impactful Tech Leadership
Dhaka, Bangladesh

Summary

I'm a strategic technology leader dedicated to architecting and scaling innovative cloud-native solutions for global enterprises, with a strong entrepreneurial spirit that drives startup growth. Over the past ten years, I've successfully built next-generation Event driven SaaS platforms, led transformative DevOps and SRE initiatives, and consistently delivered measurable impact:

★ \$20M+ SaaS Annual Recurring Revenue: Spearheaded the design and deployment of scalable platforms that not only meet rigorous enterprise demands but also boost revenue.

★ \$1M+ in Operational Savings: Implemented cost-optimizing strategies and automated workflows, significantly reducing cloud expenditures.

★ 99.99% Uptime Achievement: Engineered resilient architectures that ensure near-perfect operational continuity across critical business applications.

What I Bring to the Table:

★ Visionary Leadership & Mentorship: I excel at leading cross-functional teams, cultivating high-performance cultures, and mentoring emerging talent—driving projects to successful, high-impact outcomes.

★ Entrepreneurial Drive: With hands-on experience launching and guiding startups, I leverage my technical and business expertise to identify market opportunities and accelerate growth in competitive sectors.

★ Deep Technical Expertise: Proficient in AWS, Kubernetes, Python, and modern cloud technologies, I design and implement robust, scalable solutions that meet the complex needs of global organizations.

★ Impact-Driven Execution: I transform complex business challenges into actionable, cost-effective digital strategies that streamline operations, enhance customer experiences, and support sustainable growth.

My passion lies at the intersection of technology innovation and strategic business transformation. I am committed to empowering enterprises and startups alike—driving digital transformation with a blend of technical excellence and entrepreneurial insight. Let's connect to explore how we can shape the future of cloud innovation together.

Experience

Kahf Yazılım A.Ş.

3 months

Senior DevOps Engineer

July 2025 - Present (1 month)

Istanbul, Türkiye

DevOps Contributor

May 2025 - July 2025 (3 months)

Istanbul, Türkiye

★ On a mission to make your online world safe & secure.

★ Migrating the entire infrastructure from Azure to Bare-metal

Source Code Podcast

Founder & Host

March 2025 - Present (5 months)

Dark Knight Technologies

Founder, Platform Architect

November 2023 - Present (1 year 9 months)

Dhaka, Bangladesh

- ★ Empowering Businesses by building highly scalable, fault-tolerant applications.
- ★ Robust Cybersecurity and Efficient Platforms

Leadsync AI

Senior Software Engineer

May 2025 - July 2025 (3 months)

Singapore, Singapore

AK2 Tech

Co-Founder & CSO

August 2024 - April 2025 (9 months)

Dhaka, Bangladesh

- ★ Building next-generation AI-powered solutions to assist on-call support.
- ★ Spearheaded product strategy and GTM , and secured initial customer traction in Bangladesh and Southeast Asia
- ★ Grew internal team of engineers, product, and GTM to 10+ members across 3 time zones

(Raising pre-seed, strategic investment only.)

BriteCore

5 years 5 months

Senior Site Reliability Engineer

February 2022 - January 2025 (3 years)

Springfield, Missouri, United States

- ★ Generated \$20M+ ARR by designing, implementing, and maintaining highly available, cost-efficient SaaS platforms.
- ★ Cut \$1M+ cloud bill by spearheading cloud cost-saving initiatives.
- ★ Eliminated 30% of production brownouts by optimizing the runtime configuration and state management
- ★ Accelerated development cycles by ~35% by engineering CI/CD pipelines with GitHub Actions self-hosted runners, enabling 200+ daily builds.
- ★ Attained SOC2 compliance by lowering vulnerability exposure by ~60% through robust security measures and passing all external audits on the first attempt.
- ★ Neutralized DDoS attacks from high-volume bot traffic through proactive monitoring and advanced filtering solutions, blocking an average of several thousand malicious requests per day with reduced brownouts.

- ★ Streamlined infrastructure provisioning by 80% by leveraging Terraform modules and libraries.
- ★ Enhanced production visibility by reducing mean time to detect (MTTD) by 80% through real-time operational dashboards in Datadog.

Cloud System Administrator II

October 2021 - January 2022 (4 months)

Springfield, Missouri, United States

- ★ Boosted system scalability and maintainability by 40% by leading cross-functional teams to design, develop, test, and document DevOps tooling, sustaining 99.99% uptime across multiple environments.
- ★ Expedited go-to-market timelines by ~30% and boosted overall product performance by ~15% by diagnosing root causes and collaborating with cross-functional teams to implement targeted fixes.

Software Engineer - Cloud

July 2021 - September 2021 (3 months)

Springfield, Missouri, United States

- ★ Cut AWS cloud costs by ~\$36.5K/year by optimizing log ingestion on CloudWatch.
- ★ Mitigated data breaches and multi-million dollar customer churn by enhancing client data security by deploying a cross-account read replica setup for safe data storage.

Software Engineer - Platform

April 2021 - June 2021 (3 months)

Springfield, Missouri, United States

- ★ Engineered a robust Data Abstraction Layer (DAL) by integrating staged deployments across a multi-organizational AWS structure, enabling users to query observability metrics from 50+ accounts for data-driven decision-making and facilitating near-instant production cloning for 24/7 client support.

Software Engineer - SysOps

October 2020 - March 2021 (6 months)

Missouri, United States

- ★ Elevated internal team satisfaction by 20% by enabling custom production data selection at application launch.
- ★ Automated support operations by reducing manual toil by 75% by developing a serverless nightly release reporting system.
- ★ Boosted high-profile customer satisfaction to 90% by enabling continuous delivery on multiple cadences

Site Reliability Engineer

September 2019 - September 2020 (1 year 1 month)

Springfield, Missouri Area

- ★ Upheld 99.99% SLA for 50+ clients by integrating advanced monitoring tools, proactive alerts, and robust SLOs to ensure a reliable, scalable, and fault-tolerant system.
- ★ Eliminated 30 minutes of downtime by implementing blue/green deployments, achieving a seamless zero-downtime production environment.

Pathao

Software Engineer

May 2019 - July 2019 (3 months)

Dhaka, Bangladesh

- ★ Migrated 2M user ratings by architecting and deploying a scalable feedback system.
- ★ Standardized API structure by bootstrapping a robust API aggregation service.
- ★ Optimized order invoicing by authoring a stateless microservice to calculate invoice amounts accurately.

Portonics Limited

Software Engineer

April 2018 - April 2019 (1 year 1 month)

Dhaka, Bangladesh

- ★ Sustained 99.99% uptime for high-traffic applications with 1M+ daily hits by restructuring the underlying infrastructure.
- ★ Reduced page load times by over 90% by implementing robust caching mechanisms and fallback support.
- ★ Enabled EMI features in the payment module by integrating with a secure, efficient payment gateway.
- ★ Expanded system scalability for a nationwide distribution network by decoupling a monolithic architecture into microservices, load-balancing traffic, and deploying read-write database replicas.
- ★ Enhanced shopping experience for users by developing innovative features like "cancel and re-order" and "coupon refund."

Cookups Technologies

Software Engineer

December 2017 - March 2018 (4 months)

Dhaka, Bangladesh

- ★ Streamlined promotional workflows by 25% by integrating enhanced promo code generation, location management, and commission management systems.
- ★ Developed a messenger bot that can automate customer interactions for their delivery service.

Education

Chittagong University of Engineering and Technology

Bachelor of Science (BSc), Mechanical Engineering · (2013 - 2017)

Dhaka College

Higher Secondary Certificate, Science · (2010 - 2012)