Aatif Shaikh (Ready to relocate)

Lead Engineer & Senior Fullstack Engineer - Node.js, TypeScript, React/Next, Serverless (AWS), GenAI

CONTACT INFORMATION

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PROFILE SUMMARY

- Lead Engineer with 11+ years of experience in software engineering and software development, building scalable, cloud-native, AI-powered distributed systems in aviation and digital platforms.
- Promoted to Lead Engineer at AirFi for driving system architecture, API development, performance optimization, and engineering management.
- Experienced in GenAI, distributed systems, cloud architecture, serverless architectures, and delivering high-reliability software used by 100K+ global users.
- Experienced in building **scalable, high-availability, event-driven, cloud-native distributed systems**, with strong focus on reliability, system design, and performance tuning.

SKILLS

- **Technical Leadership**: Team Leadership, Agile/SCRUM, Code Reviews, Mentoring, Sprint Planning, Performance Management
- **Backend Development:** Node.js, TypeScript, JavaScript (JS), Express.js, Nest.js, REST APIs, Microservices, Serverless
- **Frontend Development:** React.js, Next.js, Redux, HTML, CSS, Tailwind
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **Cloud Platforms:** AWS (Lambda, API Gateway, S3, SQS, SNS, EC2, RDS, CloudFront, IAM, Secrets Manager)
- **DevOps & Tools:** GitHub Actions, Docker, CI/CD, Nginx
- **Practices:** System Design, Agile Leadership, Observability, GenAI

EXPERIENCE

AirFi, Remote - *Lead Engineer*   December 2021 - Present

- Lead backend engineering for cloud-native systems powering 1500+ aircraft with 99.9% uptime.
- Built a GenAI-based context-response engine automating operational workflows and decision-making.
- Reduced **API latency 30–35%** using TypeScript optimizations, Redis caching, and MongoDB indexing.
- **Migrated 50M+** records to MongoDB wit**h zero downtime**.
- Built monitoring dashboards improving **issue detection by 60%** (Prometheus, Grafana, CloudWatch).
- Implemented CI/CD pipelines reducing **deployment time 40%,** optimized workloads lowering AWS Lambda cost 20%.
- Mentored engineers and drove architecture reviews, improving team velocity and code quality.

Bombayworks, Mumbai - Senior Software Engineer   August 2020 - November 2021

- Directed fullstack development across 5+ enterprise projects using Node.js, React, MySQL, and MongoDB in a fast-paced agile environment.
- Built system uptime monitoring solution improving **incident response by 50%** through proactive alerting and analytics.
- Optimized API performance and reduced **page load times by 20-25%** through strategic refactoring and database query optimization.
- Collaborated with cross-functional teams including designers and product managers to deliver user-centric solutions.

Healthdekho, Mumbai - *Senior Software Engineer & Team Lead*   January 2016 - July 2020

- **Managed a team of 6 engineers** to rebuild the legacy TGBTT platform into HealthDekho, increasing reliability by 35% and serving 10,000+ daily users.
- Migrated monolithic architecture to Node.js microservices and React.js frontend, Boosted system **performance by 40%** through distributed microservices architecture.
- Implemented modular microservices architecture enabling scalability and maintainability for complex healthcare workflows.
- Managed full software development lifecycle from design through deployment ensuring quality standards and timely delivery.
- Provided technical mentorship and career guidance to team members, conducting performance reviews and skill development sessions.

Codebox, Mumbai - *Associate Engineer*   May 2014 - December 2015

- Delivered multiple fullstack applications using PHP, JavaScript & MySQL for small and mid-sized clients.
- Improved application **performance by 15–20%** through targeted code and query optimization.

KEY ACHIEVEMENTS

- Designed and delivered platforms serving 100K+ global users with 99.9% uptime and high operational reliability.
- Reduced AWS Lambda compute costs by 20% through performance tuning and cloud-native optimizations.
- Improved engineering team velocity by 20–25% by modernizing legacy systems and standardizing best practices.
- Led cross-functional engineering teams through complex distributed systems challenges while maintaining high morale and productivity.

EDUCATION

Bachelor of Computer Science - Mumbai University (2011)