

Almoiz Khan

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Portfolio | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Lead Developer at PetRay Pvt. Ltd and former Founding Engineer at BharatNiti AI, owning end-to-end system design, development, deployment, and scaling of production systems. Strong focus on backend engineering, cloud infrastructure, DevOps, and cost-efficient system architecture.

EDUCATION

Bachelor of Technology in Computer Science (Cyber Security) Nov 2022 – May 2026
Marri Laxman Reddy Institute of Technology and Management Hyderabad, India — CGPA: 9.27/10

PROFESSIONAL EXPERIENCE

Lead Developer Jan 2026 – Present
PetRay Pvt. Ltd Remote

- Leading a cross-functional engineering team to design, build, and scale PetRay's core platform, owning architecture, code quality, and delivery velocity.
- Designing and implementing scalable backend services and APIs, improving system reliability and performance under growing user and data load.
- Establishing engineering best practices (code review, CI/CD, observability) and mentoring developers to level up the overall technical bar.

Full Stack Engineer (Intern → Founding Engineer) Sep 2025 – Jan 2026
BharatNiti AI Remote

- Reduced cloud infrastructure costs by **90%**, cutting expenses from **\$300K/year to under \$20K/year** by migrating from managed cloud services to self-managed VMs and VPS.
- Decomposed a monolithic application into **microservices**, improving scalability, fault isolation, and deployment velocity.
- Optimized backend APIs and frontend data flow, reducing **40–50% API calls** and significantly improving UI performance.
- Owned infrastructure end-to-end including servers, deployments, monitoring, and security using Next.js and FastAPI.

PROJECTS

Sentry – Microservice Health Telemetry Platform | *FastAPI, Python, Prometheus, Grafana, Docker, Kubernetes*

- Microservice health telemetry and alerting platform with real-time dashboards for uptime, latency, and error rates.
- Metrics pipeline with Prometheus + PostgreSQL and configurable alerts; live at sentrylabs.live.

Vision – AI Developer Assistant | *Python, Agno, TTS/STT*

- Built a developer assistant with TTS/STT integration achieving 95%+ voice command accuracy.
- Improved developer productivity by 30% through voice-driven automation and task execution.

TECHNICAL SKILLS

- **Cloud & DevOps:** AWS (EC2, S3), Docker, Kubernetes, Terraform, VPS, Linux
- **Backend:** FastAPI, Node.js, PostgreSQL, MongoDB
- **Frontend:** Next.js, React.js, TypeScript
- **Languages:** JavaScript, TypeScript, Python, C++, Java
- **CI/CD Tools:** GitHub Actions, Jenkins, GitLab CI/CD

ACHIEVEMENTS

- Finalist – Smart India Hackathon 2024 (led a 6-member team)
- Part of Intel® Unnati Smart Innovation Labs – AI/ML Cohort (May 2025)
- Top 9% globally on LeetCode with 300+ solved problems

CERTIFICATIONS

- Smart Interviews DSA Certification – Platinum Smart Coder (Top 2%) – Mar 2025
- Postman API Fundamentals Student Expert – Nov 2024