

FARAZ AHMED ABIR

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[Linkedin](#) [Portfolio](#) [Github](#)

SUMMARY:

Software Engineer & Indie Developer with expertise in **backend, full-stack, and AI-driven applications**. Experienced in designing scalable systems using **Node.js, Spring Boot, Django, FastAPI, and Next.js**, with proficiency in mobile development (**Flutter & React Native**). Skilled in **AWS, Docker, CI/CD pipelines, and building machine learning and NLP solutions**. Adept at **leading remote teams**, optimizing workflows, and delivering high-impact, production-ready solutions.

EXPERIENCE & PROJECTS:

Software Engineer & Indie Developer | Drag Me, LinguaVid, Kanban, QuizNest

Drag Me | 2.3 years (Remote)

Technologies: React Native, Expo, Node.js, Spring Boot, Django, AWS (ECS, ECR, S3, Lambda), RabbitMQ, PostgreSQL, Docker

- Developed and deployed a cross-platform mobile app, boosting **user engagement by 40%**.
- Streamlined project workflows, enhancing overall **efficiency by 25%**.
- Designed and scaled a **microservices architecture**, improving system **performance 3x**.
- Automated event submissions with a **Slack bot**, reducing **manual effort by 70%**.
- **Led a team** of 2 developers and 1 data engineer, improving **workflow efficiency by 40%**.
- Developed eCommerce and chat microservices, increasing **user interaction by 60%**.
- Implemented a video-sharing feature using AWS S3, Spring Boot, RabbitMQ, and FFmpeg.

QuizNest – AI-Powered Exam Solution SaaS | Personal Startup

Technologies: Django, FastAPI, Next.js, PostgreSQL, Docker, Oracle cloud, AI/NLP

- Helping **1500+** students and job applicants to prepare for their exams.
- Developed backend APIs with Django and FastAPI, enabling scalable and low-latency exam operations.
- Integrated AI/NLP models to automatically evaluate answers, generate reports, and provide personalized feedback.
- Managed cloud deployment with Docker and AWS, ensuring 24/7 availability and efficient resource usage.
- Achieved significant automation of grading and reporting, reducing manual workload by 70%.

LinguaVid – AI-Powered Video Translation & Voice Cloning

Technologies: Python, FastAPI, Django, Next.js, Whisper Model, FFmpeg, Docker, RabbitMQ

- Built an AI-driven pipeline for speech extraction, translation, and synthesis, **reducing processing time by 45%**.
- Integrated **Whisper Speech model, Google Text-to-Speech, and FFmpeg** for high-quality speech-to-text and **voice cloning**.
- Deployed scalable microservices with Docker, Django, and FastAPI, enabling **low-latency video translation**.

Kanban Project – Project Management System

Technologies: Next.js, Spring Boot, PostgreSQL, Stripe, Docker

- Developed a drag-and-drop task management system, increasing **team productivity by 30%**.
- Implemented **email notifications, priority tracking**, and collaboration features.
- Integrated **Stripe** for payments and optimized backend performance, **reducing response times by 50%**.

EDUCATION:

B.Sc. in Computer Science & Engineering | Final Year