

FARAZ AHMED ABIR

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SUMMARY

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

EXPERIENCE & PROJECTS

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

Drag Me | 1.5 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 using React Native & Expo**, increasing user engagement by **40%**. Streamlined project workflows, **enhancing overall efficiency by 25%**.
- **Designed and scaled microservices architecture with Spring Boot, Node.js, and Django**, 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% and reducing bottlenecks**.
- Developed and deployed an **eCommerce microservice for Drag Me users + Chat microservice**, increasing user interaction by **60%**.
- Developed a video-sharing feature using **AWS S3, Spring boot, Rabbitmq, FFmpeg**.

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, 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 for team increasing productivity by **30%**.
 - Implemented **email notifications, priority tracking, and team collaboration features**.
 - Integrated Stripe for payments and optimized backend performance, reducing response times by **50%**.
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EDUCATION

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