

ADE FEBRIAN

Tech Lead | AI Fullstack Engineer

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PROFESSIONAL SUMMARY

Engineering Tech Lead and Informatics graduate (GPA 4.00, Summa Cum Laude) who leads cross-functional engineering teams and owns technical strategy, infrastructure architecture, and delivery. Builds and ships scalable, resilient full-stack systems on a modern stack (Hono, Bun, React, Docker) and embeds AI into core product flows through model selection, prompt design, evaluation, and safe production rollout. Founder of BisaiELTS, an AI-driven IELTS learning platform, with national-scale analytics experience at DPR RI and IEEE-indexed AI research.

WORK EXPERIENCE

Tech Lead | Jangkar Arunika Luminara

Jul 2026 - Present

- Define and own the end-to-end technical architecture (infrastructure, data models, APIs, and frontend) on a modern stack (Hono, Bun, React, Docker) built for scale, reliability, and fast iteration, standing up CI/CD and observability so releases ship faster with fewer regressions.
- Lead a cross-functional engineering team through code review, pairing, and hands-on coaching that lifts code quality and velocity, while embedding AI into core product flows by owning model selection, prompt design, evaluation, and safe rollout to production.

Founder | BisaiELTS

Jul 2026 - Present

- Founded BisaiELTS, an AI-driven IELTS preparation platform delivering instant, personalized feedback and adaptive practice, owning the product end to end across AI scoring for all four IELTS skills and progress tracking.
- Lead everything from architecture and engineering to product strategy and go-to-market, building adaptive practice and automated scoring for Indonesian learners.

AI Fullstack Engineer | Jangkar Arunika Luminara

Apr 2026 - Jul 2026

- Designed and built full-stack applications end to end, from database and API to responsive, production-ready interfaces, on a modern, scalable stack (Hono, Bun, React, Docker) with clean, maintainable, well-tested code.
- Integrated AI capabilities such as LLM APIs, retrieval, and automated evaluation directly into product experiences, translating model capabilities into production-ready features.

AI Quality Analyst | Turing (Freelance)

Apr 2026 - Jul 2026

- Designed multi-turn conversational tests across 4 AI data ecosystems (Search, YouTube, Gmail, Chat History) to validate personalized user experience reliability at a global scale.
- Evaluated AI model responses across grounding, integration, and helpfulness dimensions, identifying hallucinations and flawed inferences to drive model improvement for a leading global technology client.

Founder | Airdrop Sultan Indonesia, Cirebon

Jan 2024 - Feb 2026

- Founded and scaled a data-driven digital marketing agency from zero to 45,000+ community members and 500+ global partnerships, architecting automated Metabase pipelines that cut manual processing time by 60%.
- Built Python-based customer segmentation models that drove a measurable 25% increase in community engagement and conversion rates.

Data Analyst Intern | House of Representatives of Indonesia (DPR RI), Jakarta

Aug 2023 - Jan 2024

- Developed Tableau dashboards and SQL scripts monitoring national commodity trends across 38 provinces, directly supporting ministerial-level decisions on essential goods distribution.
- Recognized as 2nd Best Intern for delivering high-stakes national trade and logistics insights with exceptional analytical quality and professionalism.

Research Assistant, AI and Data Analytics | Universitas AMIKOM Yogyakarta

Dec 2022 - Nov 2023

- Published peer-reviewed NLP research in an IEEE-indexed journal, achieving 83% recall and 82% F1-score; presented findings at an international academic conference, benchmarking 4 AI model configurations for reproducibility and statistical rigor.

EDUCATIONAL CREDENTIALS

Bachelor of Informatics (Computer Science) | Universitas AMIKOM Yogyakarta

Graduated 2024

- GPA 4.00 / 4.00, Summa Cum Laude, Top Graduate of the Informatics Program
- Merit Scholarship Awardee throughout all active academic years
- Co-authored an IEEE-indexed research paper in AI and Data Analytics
- Presented research findings at an international academic conference

ORGANIZATIONS

Member | ML Insight, Kaggle

Apr 2023 - Mar 2024

- Selected as an invite-only member of Kaggle's exclusive community of machine learning practitioners, contributing to UX research and providing strategic feedback on AI product development initiatives.

Member | Amikom Computer Club (ACC), Universitas AMIKOM Yogyakarta

Dec 2020 - Feb 2022

- Active member involved in the organizing committee for multiple large-scale club events, contributing to community building and technical programming activities within the university.

Digital Literacy Volunteer | Relawan TIK Kota Cirebon

Aug 2020 - Jan 2022

- Empowered local communities and small businesses in Cirebon with practical digital literacy skills, collaborating with regional government entities to deliver national digital education programs.

PUBLICATIONS

Disaster Tweet Classification Using LSTM and FastText AI Model Architectures

IEEE-Indexed Journal | Universitas AMIKOM Yogyakarta | 2023

Benchmarked 4 AI model configurations for NLP on social media disaster data, achieving 83% recall and 82% F1-score. Presented at an international academic conference as part of a collaborative AI research initiative.

SKILLS AND COMPETENCIES

Leadership & Management: Stakeholder Management, Cross-functional Collaboration, Strategic Planning, Entrepreneurship

Data & Analytics: SQL, Tableau, Power BI, Excel, Metabase, Python

Project & Process: Agile, Scrum, REST API Integration, Git

AI & Technology Literacy: LLM Evaluation, Machine Learning, Prompt Engineering, NLP

Languages: Indonesian (Native), English (Professional, IELTS 6.0)

AWARDS AND CERTIFICATIONS

- **Merit Scholarship Awardee** | Universitas AMIKOM Yogyakarta | 2020 - 2024
- **2nd Best Intern** | House of Representatives of Indonesia (DPR RI) | 2024
- **Top Graduate, Summa Cum Laude (GPA 4.00 / 4.00)** | Universitas AMIKOM Yogyakarta | 2024
- **Intensive English and IELTS Preparation** | Desa Inggris Bandung | 2025 - 2026
- **Data Science Track, Coding Camp 2026** | DBS Foundation | 2026
- **Microsoft Elevate: Data Science** | Microsoft Training Center | 2026
- **1st Place, Mobile Programming Competition** | Universitas AMIKOM Yogyakarta | 2023
- **2nd Place, AI and IoT Competition** | Universitas AMIKOM Yogyakarta | 2023