

Professional Portfolio

Arief Kurniawan, S.Farm., Apt

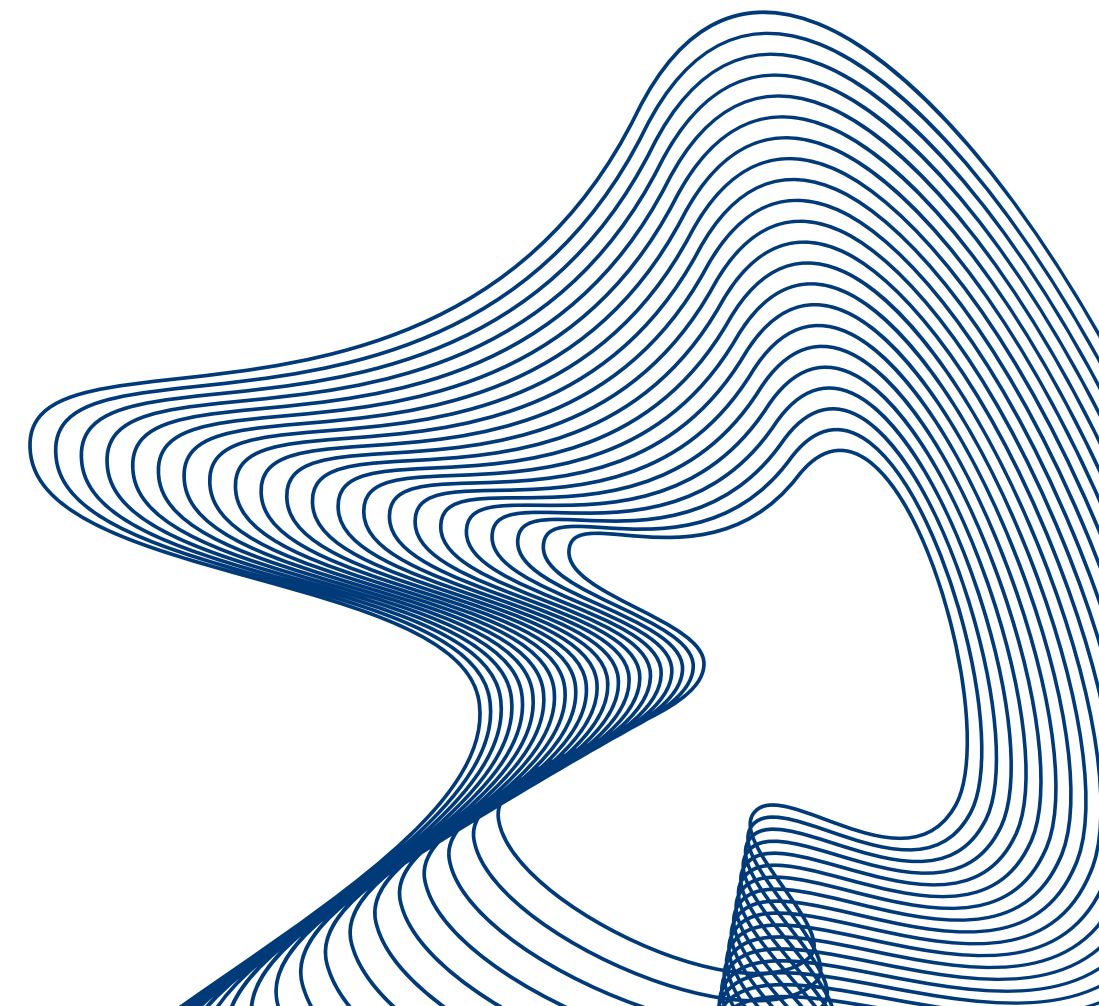
Research & Development Manager | Pharmaceutical Industry

 arief.kurkur@gmail.com

 [linkedin.com/in/arief-kurniawan-3b78781ba](https://www.linkedin.com/in/arief-kurniawan-3b78781ba)

 Bandung, Indonesia

 +62 857 2176 8415



Professional Summary



Hello, I'm Arief!

Research & Development Manager with 9+ years of progressive experience across the pharmaceutical and consumer health industries. Successfully managed and delivered over 125 SKU ~ 70 molecule projects spanning Pharma and Non-Pharma product categories, including API Development, Generics, OTC, Herbal, and Cosmetic products.

Played a pivotal role in accelerating new product development and leading reformulation programs focused on:

- improving product robustness and quality,
- enhancing process efficiency and reducing COGM,
- optimizing formulations,
- implementing alternative sources to ensure supply continuity.

Strong expertise in formulation development, analytical support, scale-up, and end-to-end technology transfer from laboratory to commercial manufacturing. Recognized for a strategic mindset, hands-on technical leadership, and the ability to seamlessly integrate R&D with Manufacturing, Quality, Engineering, and Regulatory functions to deliver compliant, market-ready products.

Key Competencies

**R&D Strategy & Portfolio
Management**

**Technology Transfer:
Lab → Pilot → Commercial**

**Formulation Development, Scale-Up
& Process Optimization**

Analytical Development

**Process Validation Readiness &
Continued Process Verification**

**Quality Management System
(GMP, QMS)**

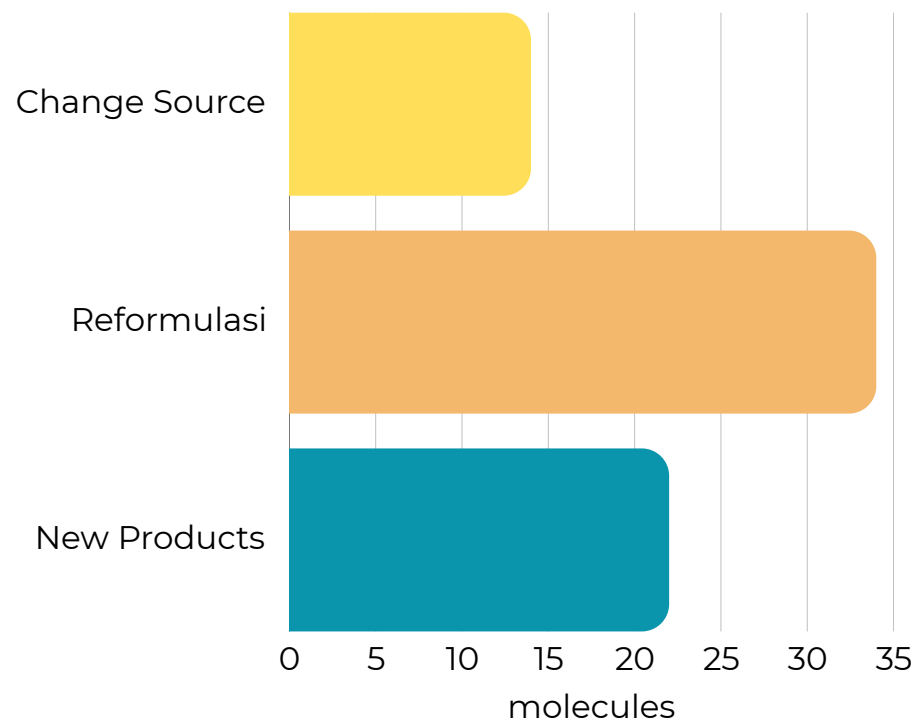
**Risk Management, Change Control
& Lifecycle Management**

**Cross-Functional & Cross-Site
Leadership**

Product Portofolio

Change Source

Therapeutic Class	Molecule
Antidiabetic	Sitagliptin
Antiviral & Antimycobacterial	- Lamivudine+Zidovudine - Tenofovir+Lamivudine+ Dolutegravir - TLE
Nervous System	Risperidon
Cardio Hematology	Amlodipin



Reformulasi

Therapeutic Class	Molecule
Antidiabetic	- Glibenclamide - Glimepiride
Antiviral & Antimycobacterial	Rifampicin+Isoniazid+Pyrazinamide
Cardio-Hematology	- Hydrochlorothiazide - Norephinephrine - Clopidogrel - Dobutamine - Tablet tambah darah - Simvastatin - Vitamin B12
Nervous System	- Phenobarbital - Neurodial
Antibiotic	- Cefadroxil - Cefixime - Chloramphenicol - Chloramphenicol+ Hydrocortisone+ Prednisolone - Ciprofloxacin
Respiratory	- Lansoprazole - Omeprazole - Kalium Diclofenac
Musculoskeletal	- Eperison - Morphine - Codeine - Gabapentine
Others (K-hospital Solutions, D-Dermatologicals, V-various)	- Cetirizine - Hydrocortisone - Betametasone - Policresulen - Retinol
OTC & Herbal	- Magasida Suspensi - Magasida Tablet - Vitamin C - Batugin - Fituno

New Product

Therapeutic Class	Molecule
Antiviral & Antimycobacterial	- Dolutegravir - Rifapentine - Rifapentine+Isoniazide
Cardio-Hematology	Fenofibrate
Nervous System	Clonazepam
Respiratory	Pseudoephedrine
Gastro	Ursodeoxycholic Acid
Hormones	Tamsulosin
Others (K-hospital Solutions, D-Dermatologicals, V-various)	- Desoximethasone - Multiple Micronutrient Supplements
OTC & Herbal	- Batugin - Calcidol - Live Nutra C - Tensicord - Suplemen Vit C plus Rosehip - Suplemen B kompleks
API	- Dolutegravir - Ticagrelor

Product Focus :

- Focus on top 6 therapeutic class products : (1) Antidiabetic; (2) Antiviral; (3) Cardio-Hematology; (4) Nervous; (5) Oncology; and (6) Respiratory which are the biggest causes of death in Indonesia
- Focus on 1st me-too with potential large market share
- Sustainability, Change Source & TKDN Product
- Focus on accelerating non pharma product development

Asifit Gold
Daun Katuk + Fenugreek

live Nutra-C
By Natural Ferment

CALCIDOL
CALCIUM CHLORIDE SYRUP

Tensicord

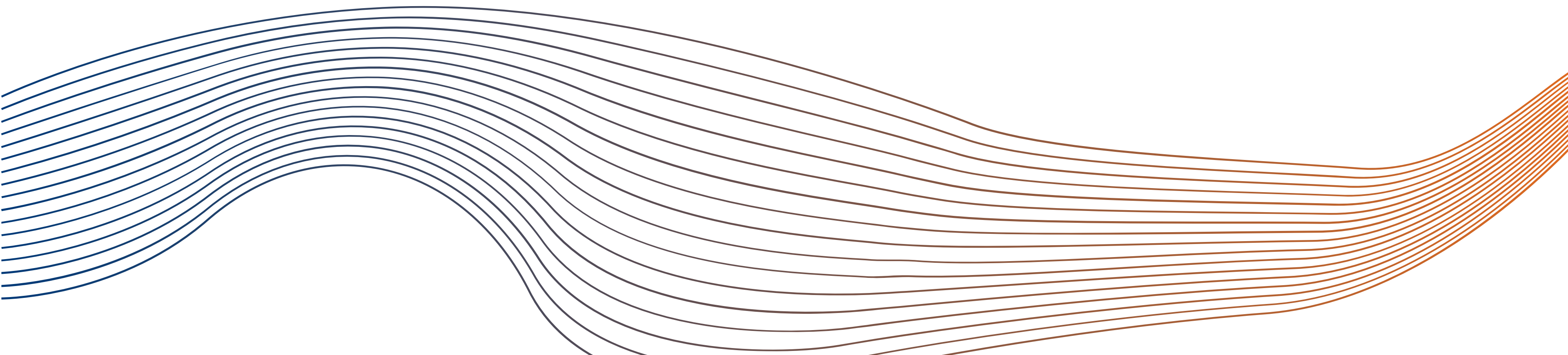
batugin®

batugin®
elixir

Fituno

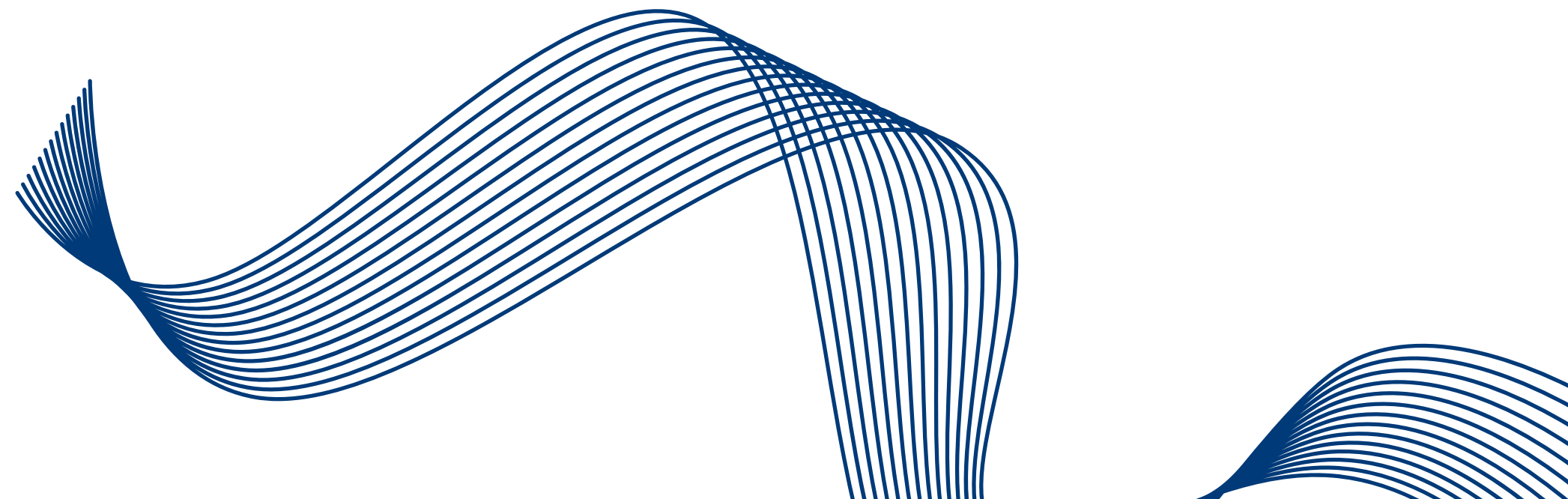
Strategic Project Achievements

- Successfully led the accelerated transfer of 40 SKUs from the former manufacturing site to the new facility within ~2 years, covering both Pharma and Herbal categories (e.g., Amlodipine, Simvastatin, Batugin Syrup, Fituno Caplets). Achieved this through end-to-end reformulation and process redevelopment while ensuring full compliance with all quality specifications.
- Reduced product COGM/HPP for multiple key products through alternative sourcing, reformulation, and process optimization. A notable achievement includes the reformulation of Citamin Effervescent, targeting process improvement and higher finished-goods yield; the updated product is currently under BPOM registration.



Strategic Project Achievements

- Improved product quality and robustness through targeted reformulation initiatives, such as resolving microbial contamination findings in Batugin Syrup by implementing a more effective preservative system, and improving Asifit capsule stability by modifying packaging due to light-sensitive coating degradation.
- Accelerated development of Pharma and Non-Pharma products across six priority therapeutic classes—Respiratory; Cardiology & Hematology; Infectious Diseases; Nervous System; Gastrointestinal; Oncology; and Vitamin–Mineral Supplements. Successfully launched products include Favipiravir, TLE 336, FDC TB Daily Doses, 12 SKUs of locally sourced API products, Nutra C Multivitamin, Fentanyl Injection, Miconazole Cream, among others.
- Broad hands-on experience across diverse dosage forms, including solid, liquid, semisolid, sterile, oral, and topical formulations, enabling versatility and strong technical oversight across multi-platform product portfolios.
- Experienced in developing product claim support and product stories to strengthen product differentiation and enhance unique selling propositions. Successfully created claim justifications and scientific positioning for key products, including Nutra C and Fermol Tablet.



Government & Policy Engagement Experience

Collaborated with the Ministry of Health (MoH) during the national COVID-19 response, accelerating Favipiravir development to support emergency therapeutic needs.

Supported the TB elimination agenda (2030) through accelerated development of anti-TB pharmaceutical products.

Coordinated closely with MoH on local API change-source initiatives, contributing to national pharmaceutical resiliency and supply-chain independence.

Served as a frequent speaker in joint MoH–industry forums, providing technical insights that helped shape national API development direction



Honors & Key Achievements

Best Oral & Best Poster Presentation - ICCST (ITB & UI, 2025)

Served as Scientific Advisor for AI/ML-based R&D initiatives presented at the 8th ICCST. Supported development of predictive dissolution modeling and IVIVC studies, strengthening national innovation in pharmaceutical research.

Speaker at National Regulatory–Industry Forum (2024)

- Invited as a speaker in a high-level forum attended by the Director General of Pharmaceuticals & Medical Devices (Dirjen Farmalkes – MoH), the Director of Drug Registration (BPOM), and leaders of the national pharmaceutical industry.*
- Delivered a session on “The Influence of Formulation on Bioequivalence Outcomes to Ensure Interchangeability Between Generic and Innovator Drugs.” Contributed scientific insights to support regulatory harmonization and improved BE strategy across the industry.*

Top 3 & Top 5 Innovation – West Java Innovation Competition (2025)

Recognized for pioneering public health solutions, including the JABAR BEDAS HIV/AIDS service access program and SEIKAT RANTING stunting prevention initiative.



Best Oral & Best Poster Presentation



Speaker



Top 3 & Top 5 Innovation

Honors & Key Achievements

Peer-Reviewed Publication – Favipiravir Bioequivalence Study (2023)

Co-authored a bioequivalence research publication on Favipiravir 200 mg, published by Medwin Publisher, supporting national antiviral product development. [doi:10.23880/beba-16000214]

1st Winner of Innovation Week Award – PT Kimia Farma (2022)

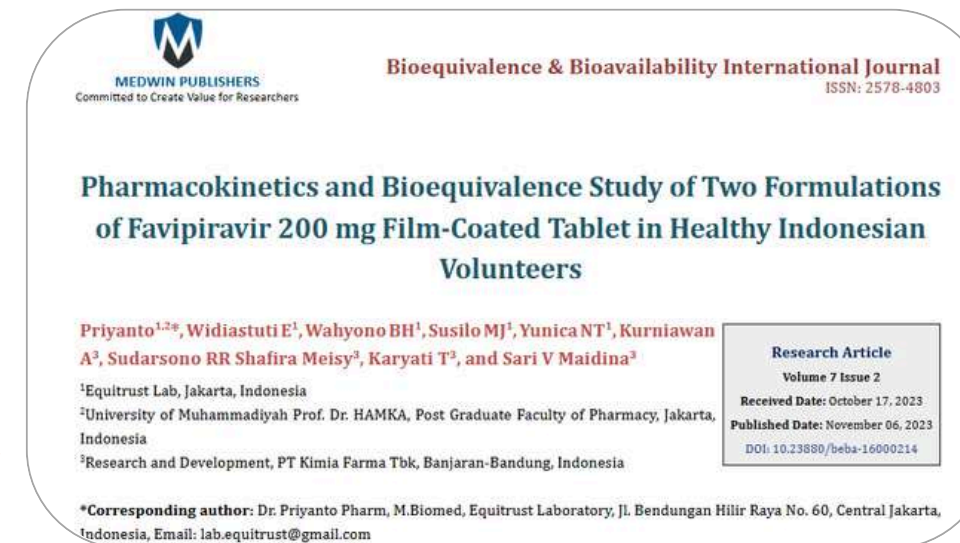
Acknowledged for outstanding contribution to innovation projects within R&D.

Team Leader of the Year – PT Kimia Farma (2022)

Awarded for successfully accelerating API change-source implementation, driving cross-functional alignment across R&D, QA, RA, Manufacturing, and Supply Chain, enhancing supply security and reducing dependency on imported materials.

Best Exam Participant – ITB Apothecary Program (2015)

Recognized for academic and professional excellence during professional pharmacist qualification.



Peer-Reviewed Publication



1st Winner of Innovation Week Award 2022



Best Exam Participant (2015)



Thank You

**I appreciate your time in reviewing my portfolio.
Let's connect and explore opportunities to collaborate.**

 arif.kurkur@gmail.com

 [linkedin.com/in/arief-kurniawan-3b78781ba](https://www.linkedin.com/in/arief-kurniawan-3b78781ba)