

# Liu Purnomo, S.Kom

## Drone Expert | Certified Remote Pilot & UAV Instructor

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Jakarta, Indonesia 10210



Online profile

### PROFESSIONAL SUMMARY

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Drone expert and UAV instructor with over a decade of field experience in aerial operations, pilot certification training, and national-level event deployments. Certified by FAA (Part 107), DKUPPU, and FASI, he has trained more than 5,000 drone pilots across Indonesia through national programs and his own training companies. Served as official drone operator for major national events including PON XX Papua, Peparnas XVI, MotoGP Mandalika, and Pekan Kebudayaan Nasional. Author of three published books on drone operations and founder of PT. Remote Pilot Indonesia.

### EDUCATION

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**Universitas Pamulang** **Tangerang, Indonesia**  
*Master of Informatics Engineering* *2026 - Present*

**Haktiv8** **Jakarta, Indonesia**  
*Full Stack JavaScript Immersive Program* *Jan 2023 - Jun 2023*  
*Score: 97/100, Teacher's Awards Predicate (score > 95)*

**STMIK Antar Bangsa** **Tangerang, Indonesia**  
*Bachelor of Informatics Engineering (S.Kom.)* *Sept 2020 - Sept 2024*  
*GPA: 3.44/4.00, Very Satisfactory*

### CORE SKILLS

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**Drone Platforms** ..... DJI Multirotor (All Series), Fixed Wing UAV, VTOL UAV  
**GIS & Mapping Software** ..... Agisoft, ArcGIS, PCI Geomatics, Global Mapper

### PROFESSIONAL EXPERIENCE

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**PT. Remote Pilot Indonesia** **Jakarta, Indonesia**  
*Director & Founder* *Dec 2022 - Present*

- Founded and lead a national drone pilot training company delivering certification programs recognized by DKUPPU and FASI.
- Trained 1,000+ pilots through structured programs; designed curricula covering airspace law, flight safety, and procedures.

**Indonesian Aerosport Federation (FASI)** **Jakarta, Indonesia**  
*Drone Instructor (Part Time)* *Jan 2019 - Present*

- Built standardized curricula for national drone pilot certification covering regulations, airspace rules, and emergency procedures.

- Official drone operator for national events: PON XX Papua, Peparnas XVI, MotoGP Mandalika, and Pekan Kebudayaan Nasional.

### **CV. Galeri Angkasa Sejahtera**

**West Kalimantan, Indonesia**

*Director & Drone Instructor*

*Jun 2018 - Dec 2021*

- Founded a drone services company delivering aerial mapping, survey operations, and pilot training; trained 4,000+ pilots.
- Secured operational contracts with government ministries, state-owned enterprises, and private firms across Indonesia.

### **Perkumpulan Sampan Kalimantan**

**West Kalimantan, Indonesia**

*Head of IT & UAV Program Officer*

*Mar 2013 - Sept 2016*

- Operated UAVs for aerial mapping, photogrammetry, and field documentation in support of conservation research.
- Trained local field teams on UAV operation and data collection procedures for remote conservation deployments.

## **SELECTED PROJECTS & PLATFORMS**

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### **Drone Indonesia**

*Tech: Next.js, PostgreSQL, Prisma, React Native,*

*Community platform for Indonesian drone pilots*

*Midtrans*

Community platform for Indonesian drone pilots built with Next.js, PostgreSQL, and Prisma. Features an LMS, pilot portfolio with availability system, and Midtrans payment gateway. Also available on Google Play.

[drone.co.id: https://drone.co.id](https://drone.co.id)

[Google Play: https://play.google.com/store/apps/details?id=com.remotepilot](https://play.google.com/store/apps/details?id=com.remotepilot)

### **Blog.drone.co.id**

*Tech: Hugo*

*Static blog on drones and UAV operations*

Hugo-based static blog covering drones, aviation regulations, and UAV operations in Indonesia. Lightweight and fast, published as a static site with no server-side backend.

[blog.drone.co.id: https://blog.drone.co.id](https://blog.drone.co.id)

### **Remotepilot.id**

*Tech: Next.js, Google Sheets API*

*Company site with auto-generated quotation proposals*

Next.js company website for PT. Remote Pilot Indonesia. Training inquiries auto-generate a formatted proposal document powered by Google Sheets as a zero-cost backend.

[remotepilot.id: https://remotepilot.id](https://remotepilot.id)

## **PUBLICATIONS**

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### **Drone**

*CV. Diva Pustaka, 2025*

ISBN:[978-634-7600-71-4](https://www.isbn-international.org/product/978-634-7600-71-4)

*Purbalingga*

Covers the fundamentals of drone technology: history, aerodynamics, flight principles, and control systems.

**The Remote Pilot**ISBN:[978-634-7600-76-9](#)

Aviation discipline and airmanship for remote pilots, covering the mindset that separates safe operators from true professionals.

CV. Diva Pustaka, 2026

Purbalingga

**Seni dan Filosofi Penerbangan Drone**ISBN:[978-634-276-215-8](#)

Professional drone operations: regulations, ethics, situational awareness, and in-flight decision-making.

Adab Indonesia Grup, 2026

Indramayu

**DIGITAL PRODUCTS**

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**Complete Drone Mapping SOP Bundle**[lynk.id](#)*12 ready-to-use operational documents for drone mapping workflows*

Eight technical SOPs plus four business templates: proposal, pricing guide, work order, and survey report. All in editable DOCX format.

**Drone Safety & Compliance Kit**[lynk.id](#)*HIRA/JSA, IMSAFE, GO/NO-GO, Toolbox Briefing, Near-Miss Report*

Complete safety document pack for drone ops: risk assessment, IMSAFE, GO/NO-GO, toolbox briefing, and incident report. DOCX and PDF formats.

**Drone Flight Permit Document Kit**[lynk.id](#)*Ready-to-fill templates for official flight permit applications*

All supporting documents for drone flight permit applications in Indonesia, compiled from direct permitting experience. Ready to fill in.

**Drone Parts Replacement & Inspection SOP**[lynk.id](#)*Practical guide on when and why to replace drone components*

Field-tested guide on when and why to replace drone parts, not just whether it can still fly. Drawn from 13+ years of fieldwork. Editable DOCX.

**RPC CBT Exam Question Bank**[lynk.id](#)*Remote Pilot Certificate exam prep with 1,239 multiple-choice questions*

1,239 multiple-choice questions covering 12 aeronautical knowledge modules, based on the official SPUKTA manual. Includes answer keys.

**CERTIFICATIONS, AWARDS & CREDENTIALS**

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**Professional****Badan Nasional Sertifikasi Profesi (BNSP)**

Jul 2021

*Master Instructor / Trainer*Certificate:[8549.2351.0005814.2021](#)**Indonesia Excellent Education for Excellent Life (IEEEL) Institute**

Mar 2021

*Certified Public Speaking (CPSP)*Certificate:[CPSP-180032021](#)

<p><b>Dilatih.co</b>  <i>Certified Social Media Strategy (CSMSP)</i>  Certificate:<a href="#">3/CSMSP-1/DC/VII/2022</a></p>	<p><i>Jul 2022</i></p>
<p><b>Drone &amp; Aviation</b></p>	
<p><b>DKUPPU, Kementerian Perhubungan RI</b>  <i>Remote Pilot Certificate</i>  Certificate:<a href="#">Sidopi RPC</a></p>	<p><i>Jun 2022</i></p>
<p><b>Federal Aviation Administration (FAA)</b>  <i>Part 107 Small UAS Initial</i>  Certificate:<a href="#">1288309-20220218-00451</a></p>	<p><i>Feb 2022</i></p>
<p><b>Federasi Aerosport Indonesia (FASI)</b>  <i>Remote Pilot License (RPL) Course</i>  Certificate:<a href="#">05.19.011/RPL/2019</a></p>	<p><i>Oct 2019</i></p>
<p><b>Federasi Aerosport Indonesia (FASI)</b>  <i>Basic Remote Pilot (BRP) Course</i>  Certificate:<a href="#">03.19.032/BRP/2019</a></p>	<p><i>Jul 2019</i></p>
<p><b>Asosiasi Pilot Drone Indonesia (APDI)</b>  <i>Pilot Drone Certificate</i>  Certificate:<a href="#">Reg. No. 0090-2018</a></p>	<p><i>Jul 2018</i></p>
<p><b>PT Byte Geo Solusi</b>  <i>Trinity F90+ Aerial Tactical Mapping</i>  Certificate:<a href="#">QS.IDN: 015.BGS.020</a></p>	<p><i>Aug 2020</i></p>
<p><b>Speaker &amp; Awards</b></p>	
<p><b>Ministry of Defense, Republic of Indonesia</b>  <i>Guest Speaker - National Defense Seminar</i>  Certificate:<a href="#">Credential</a></p>	<p><i>Jun 2022</i></p>
<p><b>Halim Perdanakusuma Air Force Base</b>  <i>Guest Speaker - National Defense Training</i>  Certificate:<a href="#">Credential</a></p>	<p><i>Aug 2022</i></p>
<p><b>Batu City Regional Disaster Management Agency (BPBD)</b>  <i>Instructor - Drone Technical Training</i>  Certificate:<a href="#">02.B01.KL.422.204.2019</a></p>	<p><i>Mar 2019</i></p>
<p><b>West Kalimantan Bloggers Community</b>  <i>3rd Place - SEO Blogger Contest</i>  Certificate:<a href="#">Credential</a></p>	<p><i>Jul 2016</i></p>

**MTQ, Sekadau Regency** *Jan 2010*  
*1st Place - Fahm al-Quran Competition*  
Certificate: [50/PAN.MTQ-SKD/2009](#)

## **RECENT EVENTS & SPEAKING**

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**Kementerian Keuangan - Badan Pengelola Dana Lingkungan Hidup** *Nov 2025*  
*Hotel Mercure Gatot Subroto, Jakarta* *Jakarta*  
Pelatihan dan Sertifikasi Drone Proyek Norway's Contribution for The Implementation of FOLU Net Sink 2030

**Badan Gizi Nasional x FASI** *Nov 2025*  
*Wisma Makara - Universitas Indonesia* *Depok*  
Basic Remote Pilot Course 67 FASI x Badan Gizi Nasional

**PT. Jasa Marga (Persero) Tbk x Diorama Training** *Sep 2025*  
*Jasamarga Tollroad Command Center* *Jakarta*  
Instruktur dalam Kegiatan Pemetaan Udara menggunakan Drone Multitrotor

**Kementerian Dikti Saintek x FASI** *Sep 2025*  
*Online Zoom Meeting* *Jakarta*  
Narasumber Dalam Kegiatan Pembekalan Junior Remote Pilot Training 1-2025 Untuk Kontes Robot Terbang

**BPA Institute x Diorama Training** *Sep 2025*  
*Online Zoom Meeting* *Jakarta*  
Instructor of Basic ArcGIS Geographic Information System (GIS) Training for Architecture

**Kementerian Keuangan - Badan Pengelola Dana Lingkungan Hidup** *Jul 2025*  
*Wisma Aldiron, Jakarta* *Jakarta*  
Instruktur Training Drones For Surveying

**Diorama Training x PT. Perkebunan Nusantara I Regional 2** *Apr 2025*  
*Hotel Amaris La Codefiem Kemang, Jakarta Selatan* *Jakarta*  
Instruktur Training Drone Pemetaan dan Arcgis

**Kementerian Komunikasi dan Digital** *Dec 2024*  
*Hotel Mercure Harmoni, Jakarta Pusat* *Jakarta Pusat*  
Instruktur Training Sinematografi Drone Professional

**Haktiv8 Indonesia** *Dec 2024*  
*Kampus Haktiv8 Pondok Indah* *Jakarta Selatan*  
Narasumber Kegiatan Fox Talks 2024

**Politeknik Elektronika Negeri Surabaya** *Aug 2024*  
*Politeknik Elektronika Negeri Surabaya* *Surabaya*  
Instruktur Pelatihan Drone Untuk Pemetaan

<b>Balai Wilayah Sungai Kalimantan III, Kementerian PUPR</b> <i>Balai Wilayah Sungai Kalimantan III</i>	<i>Mar 2024</i> <i>Banjarmasin</i>
Instruktur Peningkatan Kapasitas Petugas dalam Pengoperasian Alat Drone RTK dan Pengolahan Data Topografi	
<b>Dinas Perhubungan DKI Jakarta</b> <i>Dinas Perhubungan DKI Jakarta</i>	<i>Dec 2022</i> <i>Jakarta</i>
Instruktur dalam Training Drone Untuk Unit Pengelola Sistem Pengendalian Lalu Lintas	
<b>Badan Pengelola Dana Lingkungan Hidup</b> <i>Hotel Mercure Sabang</i>	<i>Dec 2022</i> <i>Jakarta</i>
Instruktur dalam Bimbingan Teknis Pemanfaatan Drone untuk Monitoring dan Evaluasi Lahan	
<b>Taman Nasional Ujung Kulon bekerjasama dengan Institut Pertanian Bogor</b> <i>Taman Nasional Ujung Kulon</i>	<i>Dec 2022</i> <i>Taman Jaya</i>
Instruktur dalam Pelatihan Pemanfaatan Drone Thermal, Multispektral dan LiDAR	
<b>Kementerian Lingkungan Hidup dan Kehutanan - Ditjen Pengelolaan Hutan Lestari</b> <i>Hotel Grand Tjokro, Bandung</i>	<i>Nov 2022</i> <i>Bandung</i>
Instruktur dalam Bimbingan Teknis dan Monitoring dan Evaluasi FOLU NET SINK 2030	
<b>Penyelenggara Santri Fair</b> <i>Mall Balekota</i>	<i>Oct 2022</i> <i>Tangerang</i>
Narasumber dalam kegiatan Santri Fair 2022	
<b>Federasi Aerosport Indonesia (FASI)</b> <i>Federasi Aerosport Indonesia</i>	<i>Oct 2022</i> <i>Pekanbaru</i>
Instruktur dalam Sertifikasi Basic Remote Pilot BRP-57 Pekanbaru	
<b>HMPWK Institut Teknologi Indonesia</b> <i>Online Zoom Meeting</i>	<i>Oct 2022</i> <i>Jakarta</i>
Narasumber dalam Webinar Drone dengan tema Pengenalan Drone untuk Pemetaan	
<b>PT. Perkebunan Nusantara IV</b> <i>PT. Perkebunan Nusantara IV</i>	<i>Jul 2022</i> <i>Pabatu</i>
Instruktur untuk Pelatihan Pemetaan dan Sertifikasi Remote Pilot	
<b>Kementerian Pertahanan</b> <i>Balai Pendidikan dan Pelatihan Kementerian Pertahanan</i>	<i>Jun 2022</i> <i>Jakarta</i>
Narasumber dalam Seminar Bela Negara Perkembangan Teknologi Pesawat Udara Tanpa Awak	