

## Profile Summary

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Flight test engineer with 500 flight hours of experience in CAT-1 to CAT-4 flight test for fixed-wing and rotary wing aircrafts. Proficient also in programming, numerical computing, and relational database management system. Hard worker and independent learner. Loves spending time tinkering with X-Plane models, doing random programming, and flying RC models.

## Professional Experience

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**Flight Test Engineer - SkyDrive, Inc**  
2023 September – Present Nagoya, Japan

- Defining flight test items and the related test hazard for eVTOL aircraft

**Flight Test Engineer - Indonesian Aerospace**  
2018 April - 2023 August Bandung, Indonesia

- Acting as lead FTE for N219 amphibian aircraft project
- Completing new TC certification of N219 aircraft based on CASR/FAR 23
- Completing military certification of AS365 Panther's modification to anti-submarine warfare configuration
- Completing military certification of Bell-412EPI's modification to assault configuration
- Performing production flight tests for CN235 aircraft
- Developing standardized plotting and analysis tools for flight testing using MATLAB
- Developing and maintaining aircraft models and flight simulation tools using X-Plane and Python plug-ins
- Developing and maintaining in-house database infrastructure for flight test operation using Raspberry PI based server and Microsoft Access

**Data Analyst - PT Aplikasi Karya Anak Bangsa**  
2017 November - 2018 April Jakarta, Indonesia

- Developing dashboard for strategic decision-making using Python and R-Studio
- Performing ad-hoc data exploration and data visualization using Python and R-Studio

## Skills

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Programming: MATLAB, Python, R-Studio  
CAD: autoCAD, DraftSight, Siemens NX, CATIA  
Other: X-Plane, Ardupilot Mission Planner

## Education, License, and Training

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### Drone Pilot License

2023 March APDI, Bandung, Indonesia

### Flight Test Technique Training (80 FH)

2022 March IAe, Bandung, Indonesia

### Bell-412EPI Hoist Operator Training

2022 January IAe, Bandung, Indonesia

### Helicopter Underwater Escape Training

2021 September BSTC, Batam, Indonesia

### CH-4 UAV Advanced Pilot Training (10 FH)

2021 September CASC, Malang, Indonesia

### Private Pilot License (45 FH)

2020 October BPA, Bandung, Indonesia

### Basic Flight Testing Training

2020 October IAe, Bandung, Indonesia

### Jungle and Sea Survival Training

2020 July IAe, Bandung, Indonesia

### Adv Master of Flight Test Engineering

2016 August - 2017 July ISAE-SUPAERO, France

### Master of Aerospace Engineering

2009 August - 2011 July ITB, Indonesia

### Bachelor of Aerospace Engineering

2005 August - 2009 July ITB, Indonesia

## Languages Proficiencies

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English: Bilingual  
Indonesian: Native  
Japanese: Intermediate  
French: Beginner