



# JAMIL FEBRIAN

## ELECTRONICS ENGINEERING

### SUMMARY PROFILE

I am an electronics engineer with extensive experience in designing, developing, and testing electronic systems and components. Proficient in circuit design, microcontroller programming, and signal processing. Demonstrated expertise in both analog and digital electronics, with a strong background in embedded systems and IoT applications.

### PERSONAL SKILLS

- Internet of Things (Blynk, MQTT, Web Server, Etc)
- Python Programming
- C/C++ Programming
- Arduino, ESP32, STM32, ESP8266, Raspberry pi
- Electronics Circuit Design (EAGLE)
- Mission Planner (Drone Navigation)
- PHP, HTML, CSS, JavaScript
- Problem Solving

### CONTACT DETAILS

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- Home Address: Maransi Street, Air Pacah, Koto Tangah, Padang, West Sumatera, Indonesia

### EXPERIENCE

- Mentor of Robotic MAN 2 Padang (2022)
- Mentor of Robotic Adzkia 2 Elementary School (2022-2024)
- Mentor of Robotic Programming in Robotic UNP (2022)
- Jury of LKS SMK Competition on Mobile Robotics Division (2023)
- Member of KRTI VTOL Robotic UNP (2021)
- Head of Division KRTI VTOL Robotic UNP (2022)
- Award Funding of student creativity program (PKM) (2022)
- Jury of LKS SMK Competition on Mobile Robotics Division (2023)
- Finished 30 IoT Project (2023-2024)

### ACADEMIC PROFILE

#### PADANG STATE UNIVERSITY

**Graduated February 2024**

- Department of Electronics Engineering, with a Study Program of Electronics Engineering Education.
- Graduated with distinction, with an IPK of 3.34, with a Bachelor's Degree in Education.
- Title of thesis : Design of an Automatic Pesticide Liquid Spraying Control System Using a UAV Hexacopter Drone.