# Royyan Wibisono

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## EXPERIENCE

### Freelance, Bandung—Programmer

October 2022 - PRESENT

- Integrated software solutions into pre existing systems, analyzing relevant specifications and compatibilities.
- Verified completed code and debugged identified problems to close loopholes and improve product functionality.
- Contributed to the successful design and development of new applications alongside managers, engineers and other technical personnel.

### PT Elsicom, Bandung— *Data Engineer*

October 2016 - October 2022

- Design SCADA system for train traffic signaling.
- Managed disaster recovery planning and implementation to protect data loggers.
- Manage data Logger and visualize data for report and replay of train traffic events.
- Verified data logger performance after updates to identify and correct inefficiencies.

### PT TSS, Bandung— *Engineer*

October 2011 - October 2016

Develop software and tools for simulation, HMI Design, and Develop SCADA software.

## EDUCATION

### Politeknik Negeri Bandung, POLBAN— *Ahli Madya (D3)*

2008 -2011

Graduate from Politeknik Negeri Bandung (POLBAN) as Electronic engineer.

## SKILLS

Coding

Debugging

Software integration

Systems analysis

Debug code issues

Write computer programs

Update applications

Research

Analytical thinking

Test software

Performance testing

Websocket

WebRTC

JsonRPC

any TCP/UDP protocol

## LANGUAGES

English – Conversational

Bahasa Indonesia – Native

## Professional Summary — *Detail*

As an experienced programming professional, I have a detail-oriented and self-motivated approach to producing high-quality code using a variety of programming languages such as Go-lang and Python. I am highly organized and maintain thorough project notes, allowing me to make precise coding choices and quickly resolve errors to ensure the best possible product.

In addition to my programming expertise, I have specialized in real-time communication using advanced technologies such as WebSocket and WebRTC. My experience in designing and implementing complex software systems is backed by my proficiency in multi-channel concurrency and multi-threading. This skill set enables me to build high-performance systems capable of handling multiple tasks simultaneously, processing large amounts of data efficiently in parallel and leading to faster and more responsive applications. I continually strive to stay up-to-date with the latest advancements in concurrent programming, ensuring that the systems I build are optimized for maximum performance.

**BLOG**

https://tunatechblog.blogspot.com

**ONLINE CV**

https://royyanwibisono.github.io/tunatech/