

# NETHANEEL PATRICIO LINGGAR

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Having freshly graduated cum laude on my Bachelor's degree at the Sepuluh Nopember Institute of Technology, I am currently trying to make a career on Software Engineering. Known as someone who is critical and enthusiastic, I want to expand both my hard skills and soft skills. Machine Learning is also something I have an interest on.

## Education Level

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**Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia**

Aug 2020 - Aug 2024

*Bachelor Degree in Computer Science, 3.62/4.00*

- Graduated cum laude. Final thesis being creating a face recognition attendance system that proved to have a 97,6% accuracy with certain settings. It includes a Javascript backend, Android app, and Python camera app.

## Work Experiences

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**PT Bispro Consulting - Jakarta, Indonesia**

Dec 2023 - Feb 2024

*Junior Software Developer*

A consulting firm in the areas of Business Process Improvement, Information Technology Consultancy, and Business Analytics

- Developed a web application made with Quasar, a Vue.js framework, that displays data transferred from Flespi, a telematics message broker, to display a GPS's messages.
- Helped build the structure for clients to run M-Files, whether it's creating the necessary classes or making the frontend.
- Deployed Traccar to the company's server for it to be tested before serving it to a client.

**DPTSI ITS - Surabaya, Indonesia**

Sep 2023 - Dec 2023

*Frontend Developer*

Campus directorate responsible for providing and managing Information Technology services within ITS.

- Developed a module for the campus's learning hub, MyITS, by merging two legacy modules that handle student extracurricular grading and the management of student organizations.
- Used various Javascript frameworks and libraries such as Chakra UI (with Formik and Tanstack) and Axios.
- Communicated using Agile with colleagues that made the backend using Golang.

## Organisational Experience

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**ITS Computer-Informatics Engineering Student Association - Surabaya, Indonesia**

Jan 2023 - Dec 2023

*Expert Staff of Professionalism, Science, and Technology Department*

Department that organizes trainings, contests, and certification programs for computer science students.

- Led the LKMM-TD program, delivering government-mandated student leadership training to 60 participants with 15 invited speakers.
- Oversaw the PKTI-TD program, training over 310 students in essential scientific paper writing, a graduation requirement at ITS.

**Schematics ITS 2022 - Surabaya, Indonesia**

Mar 2022 - Dec 2022


*Expert Staff of Schematics REEVA*

The concert division of Schematics ITS, a national event series held annually to promote the Computer Science program at ITS.

- Led the planning and exhibition of a supporting event that showcases art and prestigious student organizations from ITS.
- Successfully achieved a 91% output of Key-Performance Indicators for a post-pandemic offline event.
- Accumulated 3,000+ participants for the concert making it the most jam-packed Schematics REEVA event.
- Invited 3 guest stars and had 15+ tenants to fill in the venue located at Jatim Expo.

## Courses & Projects

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- **Teaching Factory Sustainable Talent Nurturing Program Digital Business and Technology Telkom Indonesia**  (2023): A Software Architecture course provided by Telkom DBT.
- **Forecasting for Enterprise Resource Planning (ERP)** (2023): Team lead by Prof. Drs. Ec. Ir. Riyanarto Sarno, M.Sc Ph.D. that develops an ERP, in which I handle the forecasting module that predicts inventory demand.