

# Nyoman Ganadipa Narayana



*An Informatics Engineering Student*

Jakarta | Bandung

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A dedicated and innovative software engineer with a strong background in computer science and a passion for developing solutions. Currently, I am an undergraduate student of Computer Science from Bandung Institute of Technology. With extensive experience in software engineering, I have honed my skills in various programming languages such as Typescript, Java, PHP, and SQL.

## EDUCATION

### Institut Teknologi Bandung

*Informatics Engineering, School of Electrical Engineering and Informatics*

2022 – present

*GPA 3.90/4.00, Bandung*

## TECHNICAL SKILLS

**Languages:** SQL, HTML, CSS, Javascript, Rust, Java, Python, Go, TypeScript, C, C++

**Frameworks:** NextJS, ReactJS, Postgresql, Mysql

**Tools:** Git, Github, Postman, Docker

## PROJECTS

### Go Wikirace | *Go, TypeScript, React, Docker*

Apr 2024

- A project using golang as a backend to scrape entire wikipedia websites with multithreading and distributed system's semaphore to handle those thread race conditions.

### Le Mari - Simple Wardrobe Desktop Application | *Flet, Python, Pytest, Sqlite*

May 2024

- Le Mari is an all-in-one clothing management application designed to catalog and coordinate your entire wardrobe, helping you create the perfect outfit for any occasion. With Le Mari, fashion coordination becomes effortless and enjoyable.

## EXPERIENCE

### Front End Web Developer Intern

Okt 2023 – Jan 2024

*Datara*

*Bandung*

- During the period, I was able to migrate their old monorepo admin website into their new version of website using react and typescript. There, I was able to **adapt with their code base** using their own internal UI package.

## ORGANIZATIONAL EXPERIENCE

### OSKM IT Division

Jul 2023 – Sept 2023

*KAT ITB 2023*

*Bandung*

- As a team, we developed a website with **over 5000 users** at those period using react, T3 stack, and postgresql. We made a great visually appealing animations as well as fancy images and effects. Becaming one of the best contributors, I was chosen to be **best staff**.

### IT Division

Okt 2023 – Mar 2023

*TedX ITB Student Branch*

*Bandung*

- As a team, we developed a **high performance website with visually appealing animation** by maximizing the potential of NextJS, ShadCN UI, and DatoCMS.
- This website can be viewed at [tedxibt.id](http://tedxibt.id)

### Front End Web Developer Staff

Sept 2023 – Mar 2024

*Sandbox By IEEE ITB*

*Bandung*

- Played a key role in IT staff, leveraging Next.js, CMS, and Tailwind CSS to develop and maintain an efficient and scalable website. Ensured seamless content management even with the Non-IT teams and a responsive design
- This website can be viewed at [sandbox.ieeeitb.com](https://sandbox.ieeeitb.com)

### **Backend Web Developer**

Jun 2024 – Sept 2024

*KAT ITB 2024*

*Bandung*

- Currently developing a back end of a website using **tRPC**, **dirzzle ORM**, **postgresql**, as well as **Google Cloud Platform** for our cloud services. This website is estimated to have **5000 active users** on July 2024.

### **Vice Chairman of the Academics Team**

Dec 2022 – Jun 2023

*BPA STEI-K ITB 2022*

*Bandung*

- As a vice leader, I analyzed data with over 300 person participated, as well as lead 10 mentors and successfully held all the programs.

## HIGHLIGHTED ACHIEVEMENTS

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### **ICPC Asia Jakarta Regional Finalist 2023**

ICPC Asia Jakarta is an Asia Pacific Regional Contest that only few selected teams can participate there, including NUS, NTU, National Taiwan University, Universitas Indonesia, etc.

### **Ranked 1st in Kompetisi Sains Nasional (KSN) 2021 Matematika Tingkat Kota Bekasi**

*By Pusat Prestasi Nasional*

### **Top 10 Finalist of IFEST Competitive Programming 2024**

IFEST is an event that held many competition including competitive programming, in the final round, I managed to be ranked 5th from 10 finalist.

### **Finalist of Ideafuse 2024 from Mikroskil University**

Ideafuse is one of the most prestigious competition for competitive programming. Where the top 5 teams will be invited to the ICPC Asia Jakarta that competes with teams from other nation universities.

### **Top 40 Teams in Indonesia National Contest 2023**

INC (Indonesia National Contest) is participated by over 300 teams all over the Indonesia.