

# Muhammad Alif Hanafiah

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## SUMMARY

I'm a results-driven Software Engineer with a growth mindset and a passion for creating innovative solutions at the intersection of technology and data. Proficient in Flutter, Next.js, TypeScript, and TensorFlow. Proven ability to deliver impactful outcomes through user-centric design and data-driven approaches.

## EXPERIENCE

### PT LAKES KONSTELASI DATA – Bandung, West Java

Full Time Software Developer (April 2024 – Present)

Key responsibilities:

- Developed and tested robust product and system development code, ensuring high performance and reliability for over 400 clients across Indonesia.
- Led design reviews, collaborating with peers to select optimal technologies, enhancing system performance by 20%.
- Engineered a feature in a POS system, receiving positive client feedback and maintaining a 0% reported bug rate.

### MADU MINANG – Padang, West Sumatra

Freelance Frontend Developer (July 2022 – December 2022)

Key responsibilities:

- Designed and developed responsive company profile websites using HTML, CSS, and JavaScript, achieving a 100% mobile responsiveness rate with zero reported issues.
- Conducted client training sessions via Google Meet, empowering clients to manage website content efficiently.
- Implemented SEO strategies resulting in a 30% increase in website visibility and a 20% improvement in user engagement.

### DINAS KESEHATAN KAB. LIMA PULUH KOTA – Payakumbuh, West Sumatra

Intern Web Developer (March 2022 – July 2022)

Key responsibilities:

- Developed an AI-powered dashboard to streamline the assessment of children's nutritional status, capable of processing an average of 2,500 assessments per month, significantly improving the efficiency of the agency's operations and ensuring timely interventions for children's health.
- Optimized dashboard layout and performance, resulting in a 40% increase in user satisfaction and a 15% decrease in bounce rate.

## EDUCATION

### UNIVERSITAS PUTRA INDONESIA YPTK PADANG – Padang, West Sumatra

Bachelor of Informatics Engineering, 3.81/4.00 (September 2019 - October 2023)

Key performances and accomplishments:

- Awarded scholarships for achieving the highest GPA in various semesters.

## PROJECTS

### PHONE BOOK

<https://github.com/alifhanafiah/phone-book>

- Developed a contact management web app using React, Typescript, GraphQL, and Emotion, enabling users to add, edit, delete, and search for contacts with persistent data storage.

### SENTIFY

<https://github.com/alifhanafiah/sentify>

- Created a sentiment analysis web app using Python, Flask, and Scikit-Learn, providing users with sentiment predictions (positive, negative, or neutral) based on text input.

### SANGGOEROE

<https://github.com/Sanggoeroe/sanggoeroe>

- Developed a mobile app to streamline job searches for education graduates, connecting users with teaching opportunities through AI and a user-friendly interface using Python, TensorFlow, Keras, and Flask.

### TEMAN BICARA

<https://github.com/Teman-Bicara/teman-bicara>

- Built an online platform empowering teenagers to discuss mental health openly, providing a safe space for dialogue and facilitating effective help-seeking using JavaScript, React, and Tailwind.

## CERTIFICATIONS

### TENSORFLOW DEVELOPER CERTIFICATE

<https://www.credential.net/d6e589b6-6993-4390-829d-1996abee36a1#gs.6fcet3>

- Validated foundational knowledge of building TensorFlow models using Computer Vision, CNNs, and NLP.

## VOLUNTEERING

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### SECRETARY OF ORGANIZATIONAL SUPERVISORY BOARD at UKM IT CYBERNETIX

Universitas Putra Indonesia YPTK Padang (August 2021 - October 2023)

*Key performances:*

- Exceeded fundraising target by 25%, raising over Rp. 500,000 in two weeks.
- Increased organizational size by 51% through targeted recruitment strategies.
- Managed a team of 15 volunteers, achieving a 95% attendee satisfaction rate at the "CX-SOLUTIONS" event.

## PUBLICATION

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### PERCEPTRON NEURAL NETWORK FOR CHILD NUTRITIONAL STATUS DETERMINATION BASED ON WEB

<https://ojs.unud.ac.id/index.php/jik/article/view/88660>

- Developed an AI solution using a perceptron neural network with PHP and MySQL to automate nutritional status assessment, achieving 90% accuracy and facilitating efficient decision-making for the Health Department's nutrition programs.

## SKILLS

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### PROGRAMMING LANGUAGES

Dart, JavaScript, TypeScript, Python, PHP

### FRAMEWORKS/LIBRARIES

Flutter, Next.js, React JS, TensorFlow, Keras, Scikit-Learn, Flask, GraphQL, Tailwind CSS, Emotion, Bootstrap

### DATABASE

MySql, PostgreSQL, MongoDB

### TOOLS

Git, GitHub, Figma