

# YEHEZKIEL FERNANDES PARAPAT

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## ABOUT ME

As a fresh graduate who completed my Bachelor's degree (S.Kom) in 3.5 years at Mikroskil University, I bring with me a strong passion for learning and adaptability. Currently, I am working as a Laboratory Assistant and actively building fullstack projects using the MERN stack. Although I have no formal professional experience, I am used to facing technical challenges through various academic, independent projects and collaboration with teams. I believe that learning and openness to new experiences are key to thriving and making meaningful contributions in the workplace.

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## WORK EXPERIENCE

### Computer Lab Assistant - Mikroskil University

Sep 2024 - Present

- Assisting students in practical implementation of backend development using JavaScript and MySQL
- Guiding students in designing and managing REST APIs and relational databases
- Supporting students in developing mobile frontend interfaces using Flutter
- Explaining Flutter UI components such as widgets, layouts, and navigation
- Helping students troubleshoot frontend code and integrate with backend APIs
- Reviewing students' practical assignments related to backend and mobile frontend
- Supervising practical exams and ensuring smooth session flow

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## PROJECTS

### Web Developer - Image Gallery Web App

Jul 2022 - Jul 2022

*Project UAS | HTML, CSS, JavaScript*

- Image gallery with search and category features
- Responsive design using HTML and CSS
- Interactivity with JavaScript (search, filters, dynamic rendering)
- Improve understanding of DOM manipulation and event handling

### Web Developer - Fullstack E-Commerce Checkout System

Jan 2023 - Jan 2023

*React.js, CSS, Node.js, Express, MongoDB*

- Fullstack e-commerce application with shopping cart feature
- User can select, delete one or all items in the cart
- Checkout page with validation of item checklist before purchase
- Order system saves transaction data to MongoDB
- Responsive and interactive UI using React

### Mobile Developer - Front-end With Flutter

Apr 2023 - Jul 2023

*Front-end Mobile Application Development Course Project (UAS)*

- Create a Perbaungan school application design using figma
- Create features for students starting from the login page, main menu page, profile, school hours, assignment menu, tuition menu, report card menu, school news.

### Capstone Project Game 2D with Unity

Apr 2024 - Jun 2024

*Unity & C# (Role Programmer)*

- Create 3C (Character, Control, Camera) with Unity and C#
- Create game features such as Health System, NPC Dialog, Collect Item, Save Game, Game over, Load Game, and others.
- Create Scene Manager

## Thesis Implementation of Augmented Reality System for Internal Organs with Voice-Based Integration

Sep 2024 - Jan 2025

Unity, Vuforia, C#, Android, Gemini AI

- Develop Android AR app to visualize human internal organs in 3D using Unity & Vuforia
- Integrate Speech-to-Text & Text-to-Speech features for voice-based interaction
- Implement Chat Assist using Gemini AI to answer student questions
- Apply AGILE methodology with iterative development
- App achieved 92.25% user satisfaction from testing

## Web Developer - Fullstack TabungPintar Personal Finance

April 2025 - April 2025

Fullstack MERN | MongoDB, Express, React, Node.js, Tailwind CSS

- Personal finance app with features: Income, Expenses, and Account Management
- Users can create accounts, record income & expenses by account
- Data is displayed in summary format to monitor financial condition
- Backend REST API with Express & MongoDB, responsive frontend using React

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## EDUCATION

Okt 2021 - Feb 2025

### Bachelor's Degree (S1) in Informatics Engineering - S.Kom

Mikroskil University

GPA : 3.79 / 4.00

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## ADDITIONAL INFORMATION

- **Technical Skills:** HTML, CSS, Tailwind CSS, Bootstrap, JavaScript, Python, React.js, Node.js, MongoDB, Express, Github, Flutter, Unity, Figma, Canva
- **Certifications:** edX Verified Certificate for Introduction to Cloud Development with HTML, CSS, and JavaScript (edX), Red Hat System Administration (RH124) (RedHat Recruitment), Cloud Practitioner Essentials (Belajar Dasar AWS Cloud) (Dicoding Indonesia), Belajar Dasar Pemrograman JavaScript (Dicoding), Python Fundamental for Data Science (DQLab), Introduction to Cybersecurity (Skill For All), HCIA-AI V3.0 Course (Huawei)