



# NAZWA NURUL WIJAYA

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nazwa-nurul-wijaya

Profil Saya

## SUMMARY

I am a student in the Business Information Systems program at Malang State Polytechnic with a strong interest in data analysis, business intelligence, and user interface (UI/UX) and front-end development. I have the ability to process and analyze data using Excel, Google Sheets, Python, and R, and understand the basics of programming with Java. In addition, I have experience in designing and developing interactive and responsive web-based application interfaces. Through various organizational activities and personal projects, I continue to develop my analytical, communication, and teamwork skills to contribute to data-driven decision-making and digital innovation.

## SKILL

### Hard Skill

- Laravel Framework (MVC, Eloquent ORM, Blade, API)
- Flutter & Dart
- MySQL, SQL Server, MongoDB, dan PostgreSQL
- RESTful API Integration
- Version Control (Git & GitHub)
- UI/UX (Figma dan Canva)
- Data Analysis (Microsoft Excel, Google Sheets, Google Collab, Python, dan R, Power BI)
- Front-End Development

### Soft Skill

- Communication
- Public Speaking
- Leadership
- Time Management
- Problem Solving
- Critical Thinking
- Event Management

## EXPERIENCE

### Student Tutor

2021 - Present

- Taught elementary school students in various subjects to improve academic performance.
- Created engaging and personalized learning materials based on each student's needs.
- Helped students build confidence and develop effective study habits.
- Successfully guided students to achieve better grades and academic achievements.

### Full Stack Developer – System TOEIC UPA BAHASA POLINEMA

2025

- Developed a full-stack web system for TOEIC registration and administration using Laravel, MySQL, and Bootstrap.
- Built a powerful admin panel using Laravel Filament to manage exam schedules, participant data, results, and certificates.
- Implemented role-based authentication, document upload features, data import/export, and form validation.

### Data Analyst / ML Enthusiast

2025

#### Movie Rating Prediction & User Segmentation Project

- Performed comprehensive data analysis on MovieLens 100k dataset using Python (Pandas, NumPy, Scikit-learn).
- Built and evaluated multiple ML models: Linear Regression (MAE: 0.911), SVM, Decision Tree, KNN (Accuracy: 61.9%), and K-Means Clustering (Silhouette: 0.222).
- Conducted data preprocessing, feature engineering, and visualization to derive insights into user rating patterns and preferences.
- Compared model performance to determine the most suitable approach for rating prediction and user segmentation tasks.

# Frontend Developer & UI/UX Designer – Proyek SIMPA-TI (Sistem Informasi Mahasiswa Berprestasi Teknologi Informasi)

2024

- Developed and designed the UI/UX for an integrated web-based system handling student achievement recording, validation, and leaderboards.
- Created wireframes, mockups, and implemented the frontend using HTML, CSS, JavaScript, and Bootstrap to deliver a responsive and intuitive experience for Admin, Students, Lecturers, and Guests.
- Integrated the frontend with a PHP backend and database to ensure dynamic and accurate data display, CRUD operations, and notification functionalities.

## 3rd Winner - National Constitutional Debate Competition

2022

Muhammadiyah University of Sidoarjo (UMSIDA)

- Led debate team as Team Leader & First Speaker in national competition
- Achieved 3rd place debating "Millennial Generation's Existence Towards Pancasila in Era 5.0"
- Developed argumentation strategies and coordinated team presentation approaches

## 2nd Winner - Short Video Competition "Unity and Integrity"

2022

Kodim 0819/Pasuruan

## ORGANIZATIONAL EXPERIENCE

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### DudukBaca Community - Event & Collaboration Division

11 Mei – Present

- Organized community reading events and programs
- Managed collaborations with external partners and sponsors

### Himpunan Mahasiswa Teknologi Informasi Politeknik Negeri Malang -

2024-2025

#### Departemen Eksternal

- Executive Secretary - Malam Keakraban Mahasiswa Baru Jurusan Teknologi Informasi
- Event Coordinator - Study Excursie
- Publication & Documentation Coordinator - Dialog Dosen Mahasiswa
- Time Keeper - Open Recruitment
- Moderator - Orasi Eksternal Pemilihan Ketua Umum HMTI
- Project Lead & MC - Pemilihan Komandan Tingkat Angkatan
- Speaker - Pengenalan HMTI Acara Expo Kampus Mahasiswa Baru

### Coordinator of Secretariat Division - Pemilihan Raya Politeknik Negeri Malang

2024-2025

### Student Council President - Yadika Bangil High School

2020-2022

## EDUCATION

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### Business Information Systems (Undergraduate)

08/2023-07/2027 (Expected)

Polytechnic State of Malang | Malang, Indonesia

### Natural Science Student

2020-2023

YADIKA Bangil High School | Pasuruan, Indonesia

## CERTIFICATIONS

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### Basic Level Accounting Competency Certificate

2023

YADIKA Bangil High School

### Standard Mandarin Proficiency Certificate (Basic 3)

2023

Surabaya International Institute of Business & Technology

## CERTIFICATIONS

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- Indonedia (Native)
- English (Intermediate)
- Mandarin (Intermediate)