

# Angelic Pangkaraya

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Portfolio : <https://angeliicportfolio.netlify.app/>

## PROFILE

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Angelic is a dedicated Information Systems student at Sampoerna University, concurrently pursuing a double degree in Applied Computing from University of Arizona. With expertise in data analysis, system architecture, and a keen interest in web development, she demonstrates proficiency in identifying complex challenges. Eager to explore the intersections of technology and business, she is motivated to contribute for organizational growth and innovation.

## EDUCATION

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**Sampoerna University** Aug 2021 – May 2025 (Expected)  
**double degree with University of Arizona**  
Bachelor of Applied Science (BASc)  
Major in Information Systems (GPA 3.81)  
- Full 100% Scholarship Awardee from Sampoerna University (SPARK Scholarship)  
- Achieved Dean's List recognition for Fall 2023/2024, Spring 2022/2023, Fall 2022/2023, Spring 2021/2022  
- Related courses: Fundamentals of Database Management Systems, Software Engineering, Intro to Methods of Network Analysis, and Digital Systems

**Broward College** Aug 2021 – May 2023  
Credit Transfer Program  
General Education

## Work Experience

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**IT Intern**  
PT Mesin Isuzu Indonesia Jun 2024 – Aug 2024  
- Implemented MVC architecture using CodeIgniter 3 framework, phpMyAdmin, and Composer for dependency management  
- Developed key features such as multi-level approval workflows, form submission, and document export/import functionalities  
- Created user documentation to facilitate system adoption across the organization

**Data Engineer Project-Based Virtual Internship**  
ID/X Partners x Rakamin Academy Apr 2024  
- Successfully implemented data modeling, data integration, and SQL operations for the final project  
- Utilized Talend Open Studio to perform ETL processes on a source database, transform data into star schema with fact and dimension tables in SQL Server Management Studio

**Discrete Mathematics Tutor**  
Sampoerna University Aug 2023 – Dec 2023  
- Tutored a cohort of 8 sophomore students, providing guidance to aid comprehension and problem-solving in discrete mathematics  
- Conducted both group and individual tutoring sessions to accommodate diverse learning needs of students; contributed to a 35% average score increase among students and a 30% decrease in retest rates

## Projects

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**Named Entity Recognition for Wildfire Incidents**  
Final project for Fundamentals of Database Management Systems  
- Extracted online news regarding California wildfires into plain text using BeautifulSoup library in Python  
- Implemented spaCy to automate the parsing and recognition of named entities in the unstructured database for data processing and analysis

- Design and implement a structured database to store wildfire incident data, including defining key constraints for database integrity in MySQL

### **Budget Tracker Web App**

Final project for Software Engineering

- Conceptualized the design and developed the wireframes of the budget tracker web app using Figma
- Collaborated with team members in defining the system's functionalities and requirements
- Played a key role to document the System Requirements Specification (SRS), including system architecture, system evolution, and use case diagrams and specifications.

### **Organization & Volunteer Experience**

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#### **Digital Literacy Workshop for Yasporbi Middle School**

Guru Binar, Putera Sampoerna Foundation

Feb 2024 – May 2024

- Organized a digital literacy workshop for middle school students as a volunteer project under the Putera Sampoerna Foundation's Guru Binar initiative
- Developed a website using HTML, CSS, and hosted it on Netlify to provide online access to workshop materials and resources

#### **Kongres Mahasiswa (KOSMA) BEM KM FET 2022**

Presidium II

May 2022

- Efficiently managed documents adjustments in real-time during online session, aligning with participants' dialogue to maintain pace and efficiency
- Implemented feedback from the organization's members promptly to maintain document accuracy and meet organizational standards
- Coordinated the compilation and timely submission of finalized documents to the organizational board, demonstrating attention to detail

#### **Sampoerna University Festival of Engineering and Technology (FETO)**

Member of Fundraising and Consumption Division

Dec 2021 – Apr 2022

- Promoted fundraising activity through social media
- Encouraged participants and fellow students to join the event

### **Training and Certification**

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- Microsoft Office (Excel 2016) certified by Microsoft (2021)
- Intro to Data Analytics certified by RevoU (2023)

### **Skills**

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- Technical: CodeIgniter 3, SQL Server Management Studio, MySQL, Talend Open Studio, Microsoft Office (Word, Excel, Power Point), PHP, HTML, CSS, Figma, Python, Wireshark, Tinkercad
- Languages: English (Advanced), Chinese (Basic), Japanese (Basic)