

Zoren Christian C. Magaan
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PROFESSIONAL SUMMARY

Recent Computer Science graduate from the University of Perpetual Help System Manila with hands-on experience gained through award-winning academic and personal software projects. Built AI-powered web, mobile, and chatbot applications using Python, Flutter, Next.js, TypeScript, Supabase, Firebase, Rasa, and Google Cloud. Skilled in full-stack development, prompt engineering, LLM API integration, database design, and cloud deployment, with a strong interest in building practical AI solutions. Seeking an opportunity as an Associate Software Developer, Software Developer, Full-Stack Developer, Front-End Developer, Back-End Developer, Mobile Developer, Prompt Engineer, AI Trainer, or any AI-related role to apply my technical skills in a professional environment.

CORE COMPETENCIES

- **Full-Stack Web Application Development** – Built complete web applications with frontend, backend, database integration, authentication, and deployment.
 - **AI Application Development** – Developed AI-powered applications using Rasa, LLM APIs, sentiment analysis, prompt engineering, and custom datasets.
 - **Mobile Application Development** – Designed and built Android application with user-focused mobile UI/UX, Firebase integration, and flutter for design.
 - **Software Engineering Practices** – Applied Agile methodology, ISO/IEC 25010 standards, system analysis, testing, and documentation.
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TECHNICAL SKILLS

- **Languages:** Python, Java, Dart, C++, TypeScript, JavaScript, SQL
 - **Web Development:** Next.js, React, HTML, CSS, Tailwind CSS, Responsive UI Design
 - **AI & Machine Learning:** Prompt Engineering, Dataset Creation, LLM API Integration, Chatbot Training, Natural Language Understanding, Sentiment Analysis
 - **Development Tools & Frameworks:** Visual Studio Code, Visual Studio, PyCharm, Android Studio, Git, GitHub, Flutter, Rasa, QT Designer
 - **Databases:** Supabase, Firebase, MySQL, SQL Server, Microsoft Access
 - **APIs, Cloud & Deployment:** Groq API, Anthropic API, HuggingFace API, ApiFreeLLM, Google Cloud Platform, Vercel
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EDUCATION

- **University of Perpetual Help System Manila | 2022 – 2026**
Bachelor of Science in Computer Science | Valedictorian, Magna Cum Laude
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INTERNSHIP EXPERIENCE

- **National Bureau of Investigation – Fraud and Financial Crimes Division**
 - Performed data entry and maintenance of case files in the NBI FFCD Case File Management Database, while organizing and processing sensitive documents using Microsoft Excel and Access.
 - Resolved hardware and software issues involving computers, printers, Wi-Fi connectivity, and file optimization.
 - Supported digital document management processes including scanning, photocopying, organizing, and verifying large volumes of case files and records.

PROJECT EXPERIENCE

- **PanelCrusherAI.Online - AI Panel Defense Practice Web Application** | panelcrusherai.online
Personal Project | Next.js, TypeScript, Vercel, Supabase, Groq API, Hugging Face API
 - Designed and developed a full-stack AI-powered thesis defense simulation platform that generates panel questions from uploaded research documents using multiple LLM APIs.
 - Implemented solo and collaborative defense simulations featuring shared sessions, real-time communication, adaptive questioning, and automated evaluation.
 - Integrated LLM APIs for question generation, adaptive follow-up questions, answer scoring, and personalized feedback.
 - **PERPY – Mental Health Companion Mobile Application**
Thesis Project | Flutter, Firebase, Google Cloud, Rasa, Anthropic API, Hugging Face API
 - Developed an AI-powered chatbot using Rasa with sentiment analysis for student mental health support.
 - Created custom training datasets for chatbot intents, emotional responses, and NLU improvement.
 - Built with mood tracking, journaling, breathing exercises, and guidance counselor booking features.
 - **PerpetualEASE – Library Management System**
Software Engineering Project | Python, MySQL, QT Designer, Agile Methodology
 - Developed a library management system for managing book records, student users, reservations, borrowing, and return transactions.
 - Implemented admin tools for inventory tracking, reporting, and system monitoring.
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CERTIFICATES AND AWARDS

- **Valedictorian – Magna Cum Laude**
UPHSM | May 2026
- **Best Thesis Award**
UPHSM | May 2026
- **The Virtual Office through Google Sheets Logic**
UPHSM CCS | July 2026
- **Think Smart, Act Ethical Students in the Age of AI**
UPHSM CCS | April 2026
- **Best Paper**
UPHSM Research Colloquium | January 2026
- **Innovating with Google Cloud AI**
Simplilearn | January 2026
- **AI Agents for Beginners**
Simplilearn | January 2026
- **Artificial Intelligence Beginners Guide**
Simplilearn | January 2026
- **Introduction to Cyber Security**
Simplilearn | January 2026
- **Digital Security Fundamentals**
Simplilearn | January 2026
- **BISITA Research**
UPHSM Research Coordinator | September 2025

ADDITIONAL SKILLS

- Adaptability
 - Basic Debugging & Troubleshooting
 - Computer Literate
 - Computer Networking
 - Data Entry
 - Verbal and Written Communication
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CHARACTER REFERENCES

- **Dr. Anna Liza O. Villanueva**
UPHSM College of Computer Studies Dean
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- **Ms. Swelene U. Sencida**
NBI Fraud and Financial Crimes Division Job Order
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