

Zoren Christian C. Magaan
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PROFESSIONAL SUMMARY

Recent Bachelor of Science in 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**
 - Assisted in maintaining and supporting daily IT operations, ensuring the smooth functionality of computer systems, network connectivity, and office technology.
 - Provided technical and administrative support in a fast-paced environment while handling confidential information with professionalism and attention to detail.
 - Contributed to data management and administrative processes by handling digital records, maintaining database accuracy, and supporting information organization efforts.

PROJECT EXPERIENCE

- **PanelCrusherAI.Online - AI Panel Defense Practice Web Application** | panelcrusherai.online
Personal Project | *Solo Developer* | *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 | *Lead Developer* | *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 | *Lead Developer* | *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

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| • Valedictorian – Magna Cum Laude
<i>UPHSM</i> <i>May 2026</i> | • Innovating with Google Cloud AI
<i>Simplilearn</i> <i>January 2026</i> |
| • Best Thesis Award
<i>UPHSM</i> <i>May 2026</i> | • Introduction to Cyber Security
<i>Simplilearn</i> <i>January 2026</i> |
| • Introduction to Prompt Engineering with GitHub Copilot
<i>Simplilearn</i> <i>July 2026</i> | • Digital Security Fundamentals
<i>Simplilearn</i> <i>January 2026</i> |
| • Responsible AI Applying AI Principles with Google Cloud
<i>Simplilearn</i> <i>July 2026</i> | • BISITA Research
<i>UPHSM Research Coordinator</i> <i>September 2025</i> |
| • The Virtual Office through Google Sheets Logic
<i>UPHSM CCS</i> <i>July 2026</i> | |
| • Think Smart, Act Ethical Students in the Age of AI
<i>UPHSM CCS</i> <i>April 2026</i> | |
| • Best Paper
<i>UPHSM Research Colloquium</i> <i>January 2026</i> | |
| • AI Agents for Beginners
<i>Simplilearn</i> <i>March 2026</i> | |
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ADDITIONAL SKILLS

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

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| • Dr. Anna Liza O. Villanueva
<i>UPHSM College of Computer Studies Dean</i>
<i>villanoeva00438@uphsl.edu.ph</i> <i>09770281572</i> | • Dr. Jeusuel Nonnatus N. De Luna
<i>V. E. Fugoso Memorial Elementary School Principal</i>
<i>deluna.jeusuel@manila.uphsl.edu.ph</i> <i>09478453001</i> |
| • Ms. Swelene U. Sencida
<i>NBI Fraud and Financial Crimes Division Job Order</i>
<i>ffcd@nbi.gov.ph</i> | |