

Kim Gabriel A. Nasayao

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EDUCATION

Mindanao State University - Iligan Institute of Technology <i>Bachelor of Science in Computer Science — CGPA: 1.17</i>	Iligan City, Philippines <i>Expected 2027</i>
Bukidnon National High School <i>STEM Strand — With Highest Honors</i>	Malaybalay City, Philippines <i>2017 – 2023</i>

TECHNICAL SKILLS

Languages: Python, C/C++, Java, SQL, JavaScript, TypeScript
Frameworks: React, Next.js, Vue, Express.js, Flask, PyQt, Node.js, Tailwind CSS
Databases: MongoDB, MySQL, PostgreSQL, SQLite, Redis, MongoDB
Developer Tools: Git, Docker, Jira, Postman, Bitbucket
Platforms: AWS, Supabase

PROJECTS

EFAS | Evacuation Facility Administration System Aug. 2025 – Present

React, TypeScript, Tailwind CSS, Flask, PostgreSQL, Docker, Stadia Maps

- Developed a full-stack disaster management platform that enables LGUs in Iligan City to coordinate evacuation centers, register households, and monitor attendance across multiple facilities during emergency events.
- Implemented a role-based access control system with JWT authentication supporting City Admin, Center Admin, and Volunteer workflows for secure multi-user coordination.
- Built centralized resource allocation and aid distribution tracking, allowing administrators to assign supplies to evacuation centers and monitor real-time distribution to households.

AScribe | AI Study Assistant Jun. 2025 – Oct. 2025

React, TypeScript, AWS Lambda, S3, DynamoDB, Textract, Bedrock, AWS CDK

- Developing a proof-of-concept AI study assistant that lets students upload notes, automatically summarize content, and generate flashcards and quizzes using Amazon Bedrock.
- Implemented a serverless backend with AWS Lambda and API Gateway to manage document uploads, OCR processing via Textract, and AI-assisted study material generation.
- Provisioned cloud infrastructure with AWS CDK, configuring S3 for document storage, DynamoDB for metadata, and IAM roles for secure authentication and service access.

Pixel Pursuit | Gamified Scavenger Hunt Leaderboard Platform Aug. 2025 – Oct. 2025

React Native (Expo), NativeWind/Tailwind, Node.js (Express), PostgreSQL, AWS EC2

- Built a cross-platform scavenger hunt mobile app where players scan QR codes to gain points and climb real-time local leaderboards.
- Implemented JWT authentication and role-based APIs with REST controllers for scans, profiles, and leaderboard updates.
- Programmed dynamic game logic to reduce QR values per scan and instantly update leaderboards for competitive play.

EXPERIENCE

College of Computer Studies Publication Committee Chairperson Aug. 2025 – Present

Mindanao State University - Iligan Institute of Technology *Iligan City, Philippines*

- Performed quality assurance testing for student demo projects, identifying usability issues and verifying functionality before public presentations.
- Increased college social media engagement by 80% from the previous year by designing and establishing the official branding system and digital publication assets.
- Managed and directed the college publication committee, overseeing the design and distribution of promotional materials for major academic and extracurricular events.