

UNGAB, JOHN EMMANUEL R.

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Education

STI College Las Piñas

2022-2023

STI College Caloocan

2022 - Present

Bachelor of Science in Computer Science

- Current Cumulative GWA: 1.35
- Best Thesis Award, Bachelor of Science in Computer Science (2025)
- Entrant, Codefest (2025)
- President's Honor List (2022 - Present)

Projects

MathPath

December 2024 - November 2025

C#, TypeScript, React, MongoDB

Full Stack Developer

- Led the development of the educational platform, coordinating with the team and guiding technical decisions across web and mobile components.
- Built a React.js web platform with ShadCN and Axios, featuring three user roles: admin, teacher, and student.
- Implemented real-time progress tracking and reporting, allowing data-driven insights and personalized learning paths for students
- Developed a unified backend using Node.js, Express, TypeScript, and MongoDB to support both web and mobile clients.
- Created a Unity-based mobile game integrated with the web platform to track student progress in real-time.

ChinguTASK

January 2024 - February 2024

JavaScript, HTML, CSS

Developer

- Collaborated with a Chingu developer team in a 6-week sprint to build a task management web application.
- Contributed to the front-end development using HTML, CSS, and JavaScript, focusing on responsive design and user experience.
- Utilized Trello for project management, coordinating tasks and progress within the team.
- Implemented interactive task features, allowing users to add, edit, and organize tasks efficiently.
- Gained hands-on experience in team collaboration, agile workflows, and front-end web development best practices.

Skills

Languages: TypeScript, JavaScript, C#

Databases: MongoDB, SQLite

Backend: Node.js, Express.js

Frontend: React.js, Next.js, ShadCN, TailwindCSS