

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	
<ul style="list-style-type: none">• 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	
<ul style="list-style-type: none">• 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	
<ul style="list-style-type: none">• 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