

# Satawat Sonchai

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## EDUCATION

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### King Mongkut's University of Technology North Bangkok

Bachelor of science ,Mathematics with Computer Science

2023 - Present

### Taweethapisek School

Mathematics-Science-Computer Major

2018 - 2023

## TECHNICAL SKILLS

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**Fronted :** HTML , CSS , Tailwind , React , Vite

**Backend :** Node.js , TypeScript , MySQL , SQL Server , MongoDB

**Tools :** VS Code , Cloudflare , Ngrok , Figma , Visual Studio 2022

**Soft Skills :** Teamwork , Fast Learning , Problem Solving , Adaptability

## COMPETITIONS

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### TCS goIT training activity to enhance IT skills (UX/UI Design Competitive) [Finalist] | 2023

Platform for providing tutoring to people who lack the financial resources for education.

- Designed and developed applications system for students.
- Designed UI using the Thinkable application as a prototype.
- Achieved Top 8 finalist out of 25 teams

## PROJECT

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### Breakout Game | 2023

Classic Breakout-style arcade game developed in C#.

- Implemented core game mechanics including ball movement , collision detection , scoring system , game states , sounds for ball bounces and end of game.
- Applied object-oriented programming (OOP) principles such as classes , encapsulation , inheritance.

Tech Stack : C#.

### SA Project with Maharat Nakhon Ratchasima Hospital | 2025

System analysis project aimed at analyzing designing , and documenting an information system to support hospital operations and improve workflow efficiency.

- Created data flow diagram (DFD) (Level 0 – 2) & ER Diagrams
- Designed and building a UX/UI prototype of a hospital using Figma.

Tools : Figma , Microsoft Visio

### SMART PHONE WEBSITE | 2025

Responsive smartphone product website developed to present device information with a modern , user-friendly interface

- Developed a responsive product listing page with grid layout to showcase multiple smartphone items
- Implemented a slider/carousel component to highlight ongoing promotions and featured products
- Designed and styled price tags and discount badges dynamically for each product
- Built interactive UI elements including clickable product cards and filter/sort options for better user experience
- Used TypeScript to manage state and handle dynamic data rendering efficiently
- Ensured mobile-first responsiveness and smooth animations for both desktop and mobile views

Tech Stack : html , css , tailwind , typescript