



# Siddharth Sehgal

## Profile Overview

I am a passionate software developer with a love for cybersecurity, CTF competitions, and exploring the world of AI. I enjoys building innovative apps, solving complex security puzzles, and constantly expanding my knowledge in technology and artificial intelligence.

## Contact

### Email

sidddevcc@gmail.com

### Github

### LinkedIn

### YouTube

## Education

2021-2026

Keizer Karel College

HAVO Diploma

## Languages

- Python
- Swift
- C# (Unity)
- JavaScript/TypeScript
- HTML/CSS

## Languages

Dutch - Native

English - Fleunt

Hindi - Limited proficiency

German - Limited proficiency

## Projects/Achievements

### December 2024 - March 2025

Developed using: Swift, Firebase, Zermelo API

#### StudieBuddie - Organize Schoolwork Efficiently

- Developed a student productivity app with **task management**, **reminders**, and **study tracking** to help students stay organized.
- Integrated Firebase for real-time sync across devices, Authentication and Cloud-based storage (NoSQL).
- Integrated Zermelo API for automatically sync class schedules for European students, helping them efficiently manage their lessons and organizing their lessons.
- Live on the [App Store](#), helping students optimize their study workflow.

### February 2025 - March 2025

Developed using: Swift, Hugging Face API

#### TripCraft - AI-powered Packing Lists

- Developed an **AI-powered packing list generator** that creates customized packing lists using Hugging Face's Mistral-7B.
- Integrated **travel journaling** and essential travel tools, including a currency converter, unit converter, time zone converter, to enhance trip planning.
- Live on the [App Store](#), helping travelers pack smarter and plan trips efficiently.

### March 2025 - Present

Developing using: Next.js, Tailwind CSS, Node.js, Supabase (PostgreSQL)

#### CTF Connect - Connect. Hack. Win.

- Developing a **web platform** that helps cybersecurity enthusiasts find and form **CTF teams** based on their skills and interests.
- Implementing a matching algorithm that connects users based on **preferences** and **availability**.
- Will be launching soon to improve team collaboration in cybersecurity competitions.

### March 7 - 17 - 2025

Cryptography, Binary Exploitation and Web Exploitation

#### PicoCTF 2025 - Placed 355<sup>th</sup> Worldwide

- PicoCTF 2025: Ranked 355th globally in the world's largest high school cybersecurity competition, specializing in Cryptography, Web Exploitation, and Binary Exploitation. [Profile Link](#)