



# Siddharth Sehgal

## Profile Overview

I am a final-year high school student at Keizer Karel College with a strong interest in the technology field. I am especially passionate about AI, cybersecurity, and innovative software development.

## Contact

### Email

siddnative@gmail.com

### GitHub

### LinkedIn

### YouTube

### Medium

## Education

2021-2026

Keizer Karel College

HAVO Diploma

## Languages

Dutch - Native

English - Fluent

Hindi - Limited proficiency

German - Limited proficiency

## Projects/Achievements/Experience

### December 2024 - March 2025

Developed with: 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 with: Swift, OpenAI 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.

### July 2025 - CompTIA Security+ Certified - [Proof](#)

### November 2025 - eJPT Certified - [Proof](#)

### September 2025 - December 2025

#### Hack The Box - Season 9

- Placed 17<sup>th</sup> in the Netherlands in Season 9 and placed 1552<sup>nd</sup> worldwide (out of 9850 competitors). Competed by playing Hack The Box machines varying in multiple difficulties.

### December 2025 - Present (2026)

#### Cybersecurity Intern (3 months) - Breachlock

- Cybersecurity Intern at BreachLock Netherlands, contributing to development projects focused on building security-driven automation solutions.
- Working at the intersection of software development and cybersecurity, applying coding expertise and hands-on experience from hacking challenges to real-world environments.
- Transitioning into penetration testing within the **NL team** after completing development assignments, with a focus on identifying and mitigating security vulnerabilities.