



Suryadev Chippada

Date of birth: 09/03/2003 | **Nationality:** Indian | **Phone number:** (+49) 17669061747 (Home) |

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EDUCATION AND TRAINING

01/04/2016 – 01/06/2021 Al Wakhra, Qatar

CBSE - CENTRAL BOARD OF SECONDARY EDUCATION Delhi Public School

Address Doha - Qatar, Al Wakhra, Qatar | **Field of study** Education | **Final grade** Noten - 1.3

01/10/2021 – 31/12/2022 Magdeburg, Germany

FESTELLUNGSPRÜFUNG (FSP) Studienkolleg Germany (MDWi AG)

Address Gareistrasse 16, 39106, Magdeburg, Germany | **Field of study** Foundation School | **Final grade** Noten - 3,6

01/04/2023 – 30/09/2023 Magdeburg, Germany

B.SC - COMPUTER SCIENCE Otto Von Guericke Universität

Address Magdeburg, 39106, Magdeburg, Germany

16/10/2023 – CURRENT Darmstadt, Germany

B.SC - COMPUTER SCIENCE Technische Universität Darmstadt

WORK EXPERIENCE

 **FLARE @TU DARMSTADT** – DARMSTADT, GERMANY

COMPUTER VISION AND AI ENGINEER – 11/2024 – CURRENT

Founding Member | Real-Time Computer Vision Development

FLARE is an ongoing interdisciplinary research initiative aimed at early detection of forest fires using UAVs (drones) and artificial intelligence. As a part of the software team, I contribute to developing the computer vision pipeline, leveraging YOLO-based object detection models for real-time smoke and fire recognition. My responsibilities include training and fine-tuning models, collecting and processing aerial imagery, and deploying the system on a Raspberry Pi 5 equipped with an AI HAT+ for efficient edge inference. Our objective is to build a lightweight, autonomous system capable of detecting wildfires in remote regions, enabling faster environmental response and supporting conservation efforts.

 **SNAKE GAME IN TERMINAL** – DARMSTADT, GERMANY

Link <https://github.com/SuryadevChippada/Snake-Game-In-Terminal>

GAME DEV

The Terminal Snake Game presents a traditional Snake game created in Python using the curses library. It allows users to engage through their terminal, guiding a green snake that grows in length by consuming red food items. This game offers instant keyboard responsiveness and continuous score tracking. With customizable speed settings and well-organized code, it serves as an ideal exercise for developing skills in terminal interfaces, game logic, and live input management.

 **MCDONALDS** – MAGDEBURG, GERMANY

FAST-FOOD KITCHEN ASSOCIATE – 01/07/2023 – 30/09/2023

Worked in a fast-paced kitchen environment, preparing burgers and ensuring food quality. Collaborated well with the team, built a strong rapport with the assistant manager, and followed hygiene and safety standards.

SKILLS

Hard Skills

Java | HTML | WebDev | Python | React | Neo4j | Object Oriented Programming

Soft Skills

Attention to detail | Teamwork | cope with stress | Problem-Solving Mindset

LANGUAGE SKILLS

Mother tongue(s): **TELUGU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
HINDI	B1	B1	B1	B2	B1
DEUTSCH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ABOUT ME

About

I'm a motivated person who learns best through real experience. After working in fast-paced environments and exploring programming on my own, I'm now looking forward to growing further in the tech field and contributing to real projects.