

SIDDHU KATAKAM

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EDUCATION

Bachelor of Computer Science	Kakatiya Institute of Technology and Science [2019 - 2023]	CGPA 8.38
Intermediate	SR Junior College [2017 - 2019]	Percentage 93
SSC	Aryabhatta Concept School [2016 – 2017]	GPA 9.5

SKILLS

Technical Skills	C, C++, Java, Python, HTML, CSS, Data Structures and Algorithms, Database Management Systems.
Soft Skills	Communication, Leadership, Teamwork, Creativity.

INTERNSHIPS

Name	Online Outcome Based Internship Program on Data Science	6 weeks
Company Name	3Cortex Technologies Private Limited	Hyderabad, Telangana

- As a Data Science Intern at 3Cortex Solutions, I had the opportunity to learn the emerging technologies.
- Leveraged design thinking approach adopted by Western World to solve key challenges.
- Gained hands-on problem solving with good analytical skill and leveraged the Data Sciences in the areas of varied domains.

CERTIFICATIONS

- Wipro Talent Next Certification on Java Full Stack Development.

PROJECTS

Age and Gender detection using Convolutional Neural Network (CNN)

- Created a Python project which detects age and gender by taking a frame-based picture input.
- Analyzed Convolutional Neural Network architecture and used Open Computer Vision libraries.
- Used pre-defined deployment models which produced efficient results in accuracy.
- Build age and gender detector that can approximately guess the age and gender in a picture using CNN model on the Adience dataset.

Detection of DoS Attack in Software Defined Networking

- Implemented a Software Defined Networking topology virtually with components.
- Identified the assault using the Intrusion Detection System's specified rules.
- Detected the attacks ICMP, UDP, SYN floods with source and destination ip addresses.
- Gained valuable experience in implementing the networking systems and able to prevent the DoS attacks in the system.