Sindhu Aerra

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 GitHub

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 LinkedIn

Career Objective

To secure a challenging summer internship at IIT Hyderabad where I can leverage my strong foundation in computer science, problem-solving skills, and passion for innovation to contribute meaningfully to cutting-edge research and projects. Eager to learn from esteemed faculty and peers while gaining hands-on experience in areas such as [specific area of interest, e.g., machine learning, data science, software development, etc.] to further my academic and professional growth.

Education

•• **Bachelor of Technology in Computer Science and Engineering 2023/09 − 2026/05,** *2022-26*

Vardhaman College of Engineering, Shamshabad CGPA: 8.

• **Diploma in Computer Science and Engineering** *2020-23*

Dr. B.R. Ambedkar GMR Polytechnic for Women (SC), Karimnagar, India CGPA: 9.8 CGPA or Percentage: 9.85

•• **Secondary School Education.** *2020*

Telangana State Residential School and Junior College for Girls, Nirmal , India CGPA: 10.0 CGPA or Percentage: 10

personal Projects

• **Emergency fee payment A emergency fee payment is a website which is mainly developed for the diploma students**

– Role: The Emergency Fee Payment system is designed to assist diploma students who may struggle with timely fee payments due to financial constraints or lack of awareness.
– Facilitating users' logins to websites without having to remember their credentials
– Used Live detection techniques to create high order security.
– Technology Used: Python, Reactjs, Bootstrap.

• **Cyber bullying detection**

Developed in python . Cyber bullying detecting system is a software which helps us in detecting the improper words and unrefined words s

– The Cyber Bullying Detection System identifies and filters improper or offensive words using Python, ensuring a safer online environment. It also tracks global cyberbullying cases using Google Maps, live API stats, and datasets for real-time monitoring and awareness..
– Technology Used: Reactjs, Firebase, Bootstrap, HTML.

Internship

• **AWS Cloud Computing Intern** *oct 2024*

NIELIT Virtual Academy, Hyderabad (Online) Online / Offline

– Role: – Gained hands-on experience in cloud computing fundamentals using AWS. – Configured and launched EC2 instances for scalable application hosting. – Developed skills in cloud infrastructure management and deployment. – Strengthened understanding of AWS services and their real-world applications. .

• **codesoft** *Feb 2025*

Datascince Online

– Learned Datascince basics
– Assisted in developing security policies that improved the overall cloud security infrastructure.

Key Skills

Languages: C,C++, Python, Javascript, HTML+CSS
Libraries : C++ STL, Python Libraries (matplotlib, Numpy, Seaborn)
Databases:MongoDb, Firebase, Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

CERTIFICATIONS

- **Completed an online course in MongoDB . MongoDB Online Course Gained expertise in MongoDB database management, including CRUD operations, indexing, aggregation, and data modeling.**
- **certifed by the IRA OM Technologies PVTLTD or python industrial training.Python Industrial Training Certified by IRA OM Technologies Pvt. Ltd. Developed proficiency in Python programming, including data structures, algorithms, and application development.**
- -0.5mm   inforsys spring board in the machine learing and also in the data sceince . Completed a specialized course in [specific topic, e.g., software development, data analytics, etc.].
- **cognifz internship compliation certificate.Cognizant Internship Completion Certificate Successfully completed an internship at Cognizant, gaining hands-on experience in [specific area, e.g., software development, data analysis, etc.]. Worked on [specific projects or tasks], contributing to [specific outcomes or achievements].**

AWARDS AND ACHEIVEMENTS

- runner up in vnr hackthon . on the domain of the industrial 4.0
- particifation certificate in unstop quiz . about the datascince
- Completed an online course in MongoDB . MongoDB Online Course Gained expertise in MongoDB database management, including CRUD operations, indexing, aggregation, and data modeling.
- wadhwani skills certificate in the year of 2025 . this is about the communication skills .
- **inforsys spring board in the machine learing and also in the data sceince . Completed a specialized course in [specific topic, e.g., software development, data analytics, etc.].**

CREDIT REGISTER

Name	AERRA SINDHU
Roll Number	23885A0501

Semester - III

S.No	Course Code	Course Title	Grade Point	Grade	Status	Credits
1	A8013	BUSINESS ECONOMICS AND FINANCIAL ANALYSIS	9	A+	P	3
2	A8509	DISCRETE MATHEMATICAL STRUCTURES	7	B+	P	3
3	A8601	OBJECT ORIENTED PROGRAMMING	9	A+	P	3
4	A8510	OPERATING SYSTEMS	9	A+	P	3
5	A8511	ADVANCED DATA STRUCTURES	9	A+	P	4
6	A8602	OBJECT ORIENTED PROGRAMMING LABORATORY	10	O	P	1
7	A8512	OPERATING SYSTEMS LABORATORY	10	O	P	1
8	A8513	ADVANCED DATA STRUCTURES LABORATORY	10	O	P	1
9	A8023	ENGINEERING DESIGN THINKING	10	O	P	1
10	A8032	ENVIRONMENTAL SCIENCE AND TECHNOLOGY	5	C	P	0

Secured Credits : 20

Semester Credits : 20

Semester Grade Point Average : 8.9

Semester - IV

S.No	Course Code	Course Title	Grade Point	Grade	Status	Credits
1	A8005	COMPUTER ORIENTED STATISTICAL METHODS	7	B+	P	4
2	A8024	PRODUCT REALIZATION	9	A+	P	1
3	A8031	GENDER SENSITIZATION	5	C	P	0
4	A8033	UNIVERSAL HUMAN VALUES 2 : UNDERSTANDING HARMONY	5	C	P	0
5	A8514	DATABASE MANAGEMENT SYSTEMS	9	A+	P	3
6	A8515	FORMAL LANGUAGES AND AUTOMATA THEORY	8	A	P	3
7	A8516	DESIGN AND ANALYSIS OF ALGORITHMS	8	A	P	3
8	A8517	DATABASE MANAGEMENT SYSTEMS LABORATORY	10	O	P	1
9	A8518	PYTHON FOR DATA ANALYSIS	10	O	P	1
10	A8603	IOT LABORATORY	9	A+	P	1
11	A8702	ARTIFICIAL INTELLIGENCE	9	A+	P	3

Secured Credits : 20

Semester Credits : 20

Semester Grade Point Average : 8.4

Total Credits :40

Total Secured Credits :40

Cumulative Grade Point Average : 8.65

Note : This is for your kind information only, not authenticated

Print

CERTIFICATE

This is to certify that MS. A SINDHU bearing Roll No 23885A0501 of B. Tech course Computer Science and Engineering branch studying in 3rd Year 2nd semester in Vardhaman College of Engineering is in the top 20% in the branch concerned by virtue of total marks secured.

She is a bonafide student of this college.

Signature of the Principal/Head of the Institute

Name:

Official Seal of the authority signing

Date of issue: 5|03|2025

Head of the Department
Computer Science and Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad-501 218.

College Seal

VARDHAMAN COLLEGE OF ENGINEERING
(Autonomous)
Affiliated to **JNTUH**, Approved by **AICTE**, Accredited by **NAAC** with **A++** Grade
Kacharam, Shamshabad, Hyderabad- 501 218, Telangana, India
(JNTUH College Code : 88)

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