SUMANTH CH

Bachelor of Technology (Honours)
Computer Science Engineering
AMC Engineering College

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	visvesvaraya technological university	8.8	2025
Senior Secondary	CBSE	90 %	2021
Secondary	CBSE	90 %	2019

EXPERIENCE

- **Zidio software development []**   *August,2024 - November, 2024*
  Data Science Intern   Bangalore, India
  ◦ Applied data science principles and strong analytical skills to analyze and resolve technical challenges in software development, ensuring project execution aligned with client specifications.
  ◦ Coordinated with stakeholders to manage and control project issues.

- **AND INTERN []**   *Jan, 2024 - Mar, 2024*
  Data Science Intern.   Remote
  ◦ Collaborated with a diverse, innovative team to create data-driven solutions tailored to client needs, utilizing machine learning algorithms, data visualization tools, and predictive modeling techniques.
  ◦ Collaborated on machine learning projectsincluding emotion speech detection, recommendation systems, and digit image recognition, leveraging Python and advanced algorithms to deliver impactful data-driven solutions.

PROJECTS

- **Phishing detection website**
  Tools: [machine learning, Python, Django,MongoDB,aws, HTML,JavaScript,github]
  ◦ Developed a web application to detect phishing attempts to analyze and flag suspicious URLs,utilizing features to enhancing online security and successfully deployed it.

- **AI-Driven Surveillance System**
  Tools: [machine learning, Python, AWS, MTCNN,MongoDB,MediaPipe ,Telebot,YOLO,OpenCV,PyAudio]
  ◦ Designed a comprehensive surveillance system for public safety, integrating weapon detection, emotion recognition, SOS pose detection,scream detection,gender and child detection along with implementation of real-time threat detection and alert mechanisms.

SKILLS

- **Programming Languages** : [Python,JavaScript,java]
- **Technologies** : [Django, SQL, Machine Learning, AWS ,HTML, CSS, Flask, Django,Pandas, NumPy, Scikit-learn, TensorFlow, Keras, PyTorch, Matplotlib, Seaborn]
- **Tools** : [GitHub, Docker, Postman, Jupyter, Tableau, Power BI, Google Colab,VS Code]

CERTIFICATIONS

- **google professional certificate**, Google IT Automation with Python , coursera   *March 2024*
- **google professional certificate**, Google advanced data analytics certificate,coursera   *August 2024*
- **NPTEL,IIT Madras**, cloud computing   *October 2023*
- **AWS data engineering associate**, AWS academy   *March 2024*

ACHIEVEMENTS

- I won first place in a paper presentation at a a national level technical symposium and hackathon Advaya
- I have participated in various hackathon and paper presentaion events to improve my skills and projects

POSITIONS OF RESPONSIBILITY

- **Kavach volunteer,** I have taken up work to volunteer in this event in our nodal point
- **Club member at GDSC and Magnuz,** Collaborated with other members to teach and improve our skills