SURI SHASHANK

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EDUCATION

- **B.Tech (CSE - Data Science) - Keshav Memorial Institute of Technology, Hyderabad** (2022 - Present)
  CGPA: 9.12
- **Higher Secondary Education (MPC) - Sri Chaitanya Junior College, Hyderabad** (2020 - 2022)
  Percentage: 95.2
- **Secondary Education - Sri Chaitanya Techno School, Hyderabad** (2018 - 2020)
  GPA: 10

WORK EXPERIENCE

- **Research Intern - Cyber Guard 360** (Jul 2024 – Present)
  Working on developing a linux kernel module which can be used to safeguard data by parallelly writing it on to a recovery disk.

SKILLS

- **Programming Languages:** Python, Java, C++, Dart, HTML
- **Machine Learning:** Supervised learning, Unsupervised learning, Model Training and Evaluation
- **Application Development:** MERN, Flutter
- **Database:** MySQL, MongoDB, Firebase
- **DevOps Tools:** git,docker
- **Other Skills:** Problem Solving, Quick learner, 2D/3D Modelling

PROJECTS

- **Mobile Diabetic App**
  Tech Stack: Flutter, Flask, Machine Learning
  Developed a mobile application which is able to predict whether a patient is diabetic or not based on certain input parameters like their BP, Sugar levels, etc, using ML models. And also make use of Retinal Images to predict diabetes.
- **LLM Stethoscope**
  Tech Stack: Flutter, Flask, Deep Learning and Transformers
  Developed a flutter based mobile app which lets users give recorded lung sounds as input and classifies output to a lung disease by converting the lung sounds to a visual representation of spectrograms and sending it to a Vision Transformer.
- **SAR Image Colourization and Flood Detection**
  Tech Stack: Flutter, Flask, Gen AI models
  In this project we made a flutter application to colorize SAR images using Gen AI models like GAN and also used UNET-R transformer to predict flood areas of SAR image.

CERTIFICATIONS AND ACHIEVEMENTS

- Postman API Fundamentals Student Expert – Postman.
- Introduction to Azure Custom Vision – Microsoft Learn.
- Currently drafting a US Patent on solution proposed by our team to CyberGuard360
- Java(basics) – HackerRank.
- Python(basics) – HackerRank.
- SQL(basics) – HackerRank.

HACKATHONS AND COURSES

- **ML Quest Hackathon - IEEE CIS**
  Acheived 4th position for the problem statement - Identifying fake job listings.
- **Summer Analytics 24 - IIT Guwahati**
  Completed 6 weeks of course content and placed in the top 10 percentile.
- **HackOn with Amazon - Amazon**
  Participated in the Coding Round of the HackOn With Amazon - Season 4.