Sai Srija Kalvacharla

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SKILLS SUMMARY

- **Languages**: C++, Java, C, Python
- **Frameworks**: TensorFlow, Scikit-learn
- **Tools/Platforms**: MySQL, Git Hub, Git, Docker, Jupyter, Visual studio code
- **Soft Skills**: Leadership, Problem-Solving Skills, Team Player, Communication, Project Management, Adaptability

TRAINING

- **DevOps** — Since August 2023

  Lovely Professional University

  - **About**: Proficient in Docker and Docker Compose for efficient development and deployment of multi-container applications. Leveraged AWS services (EC2, S3, Lambda, RDS) to build and scale applications.
  - **Tech stacks used**: Docker, AWS

- **Data Structures and Algorithms** — June 2023

  GeeksforGeeks

  - **About**: Demonstrated expertise in implementing and optimizing data structures (arrays, linked lists, trees, graphs) and algorithms for efficient data handling. Conducted code reviews to enhance system performance and overall code quality.
  - **Tech stacks used:** Java, C++, Python

PROJECTS

- **Object Detection - Real-Time Detection System** — March 2024

  Developed a real-time object detection system using pre-trained deep learning models. Integrated OpenCV for image processing and TensorFlow for model implementation, ensuring high accuracy and performance. Enhanced detection speed by optimizing model parameters and leveraging GPU acceleration.
  Tech: Python, OpenCV, TensorFlow

- **LMS - Library Management System:** — August 2023

  Developed an LMS using Java and MySQL, featuring efficient course management, student enrollment, and assessment tracking. Built a JavaFX interface, integrated with MySQL via JDBC, and optimized performance by 30% through code refactoring. Enhanced security with third-party authentication and improved user engagement by 20% via a user-friendly dashboard.
  Tech: Java, MYSQL, NetBeans, RESTful APIs

ACHIEVEMENTS

- **Participated in Hack the hiring game by Coding ninjas:** — March 2024

- **Attained workshop career summit AIESEC:** — October 2023

  Workshop held by AIESEC speakers are CEO of Paytm

- **Around 2 lakhs students scored 10k rank in EAMCET:** — July 2021
  State Exam held all over in Telangana.

- **Received Award of appreciation from DSP of Warangal:** — August 2019

  For scoring 10 cgpa in 10th class.

CERTIFICATIONS

- Theory of Computation by Udemy — October 2023
- The Bits and Bytes of Computer Networking by Coursera — November 2023
- Data Structures and Algorithms - Self-Paced by GFG — August 2023
- Google Big Query & PostgreSQL by Udemy — October 2022

EDUCATION

- **Lovely Professional University** — Punjab, India

  Bachelor of Technology - Computer Science and Engineering; CGPA: 7.61 — *Since August 2021*

  Favorite Courses: *Object Oriented Programming, Data Structures, Analysis Of Algorithms, Machine learning*

- **Narayana Junior College** — Telangana, India

  Intermediate; Percentage: 92.6% — *April 2019 - March 2021*

  Favorite Courses: *Physics, Chemistry, Mathematics*

- **Shine High School** — Telangana, India

  Matriculation; CGPA: 10 — *April 2018 - March 2019*