

SAI KOUSIK YELLALA

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SUMMARY

Highly skilled in full stack development with a strong passion for web development and computer science. Dedicated to crafting sophisticated web applications. Eager to innovate within corporate settings, bringing expertise in both front-end and back-end technologies to create dynamic and efficient solutions.

EDUCATION

Master of Computer Science, University at Albany Aug 2022 -May 2024

Relevant Coursework: Algorithms & Data Structures, Software Engineering, Operating Systems, Data Mining, Computer Organization, Computer Communication Networks. *CGPA:* 3.22/4.00

Bachelor of Technology, Electronics & Communication Engineering, K L E F Jul 2018 - Apr 2022

Specialised in Data Computing

Relevant Coursework: Problem Solving & Computer Programming, VLSI, OOPS, Data Science & Big Data, Machine Learning, Advanced Soft Computing, Coding for Engineers. *CGPA:* 9.39/10.00

SKILLS

Programming Languages:

C, Java, jQuery, Python, JavaScript

Web Development Technologies:

HTML, CSS, Angular, Node.JS, Express.JS

Databases:

SQL Server, MySQL, AWS, Entity Framework, PyMongo

Data Tools:

Toad, Azure Data Factory

Others:

Tableau, Power BI, Figma, Tensorflow, GIT, Matplotlib, OpenCV

Soft Skills:

Team Building, Leadership, Initiative, Attention to detail, Research & Strategy

RELEVANT EXPERIENCE

UI/UX Designer

Jul 2021 - Dec 2021

SanRidge Pvt Ltd

Hyderabad, India

- Proficient in UI/UX design using Figma, contributing to Excelli app development.
- Orchestrated the implementation of Agile methodology to streamline design processes, resulting in a 20% increase in project efficiency and a 15% reduction in time-to-market for new product releases.
- Enhanced Excelli's app user experience through innovative design solutions.

Student Intern

Jan 2017 - Jan 2019

VI solutions

Bangalore, India

- Specialized in Graphical Programming.
- Leveraged LabVIEW expertise at Vi Solutions to integrate IoT and AI technologies.
- Skilled in effectively debugging and troubleshooting intricate issues to maintain peak software performance at Vi Solutions.

ACADEMIC PROJECTS

Abaord Buddy

- Spearheaded development of a web application for international students transitioning to higher education abroad..
- Enhanced user experience through streamlined processes for housing, connections, and newcomer support.

- Utilized Microsoft SQL Server, Angular 14, and Bootstrap for robust database management and user-friendly interface design.
- Resulted in improved user satisfaction, increased accessibility, and enhanced data management.
- Gained valuable experience in project management, software development, and user-centric design.
- Strengthened technical skills and understanding of user needs, contributing to professional growth as a programmer. ([Try it here](#))

Learn Tracker

- Crafted a dynamic web application utilizing Angular, Spring Boot, and MongoDB to enhance academic experiences.
- Streamlined academic management with robust assignment tracking and gamification elements, enhancing student engagement.
- Fostered collaboration and mentorship between students and professors, promoting academic progress and achievement through innovative tools and approaches. ([Try it here](#))

Identifying Human to Human Interaction from 3D Skeletal Data Using GCNN

- Conceptualized the architecture of a skeletal dataset employing a 3D MoCap setup to capture seven fundamental interactions.
- Leveraging machine learning methodologies, particularly Graphical Convolutional Neural Network (GCNN), within Python, I enhanced interaction analysis accuracy.
- By transforming data into a graphical format, precision in identifying human interactions was significantly improved.

Additional Projects (Explore more on Git): [My Repositories](#)

CERTIFICATIONS AND COURSES

HCIA-AI (Huawei Global Certification In AI) <i>Certificate No: 01010200180841885811537</i>	Mar- 2021
DATA SCIENCE AND ANALYTICS FOR IOT (Entuple) <i>Certificate No:2109680104</i>	Oct- 2020
Java Programming and Software Engineering Fundamentals <i>Coursera</i>	May- 2022 to Jul 2022
IBM Applied AI <i>Coursera</i>	Dec- 2021 to Feb 2022
Six Sigma Yellow Belt <i>Coursera</i>	Sep- 2021 to Nov 2021

ACHIEVEMENTS

- Smart India Hackathon - 2020 by MHRD, India
Represented K L University, Achieved success by advancing through two levels of the Smart India Hackathon, showcasing expertise in problem-solving, innovation, and teamwork. Additionally, our team secured the top position within our university.
- Article Writing Competition by IEEE Hyderabad Section
Authored an article focusing on the utilization of deep learning methods for segmentation and classification of brain tumors from MRI images, earning a position among the top 10 finalists.