Akula Koushik
Student

✉ 2100031449cseh@gmail.com 📞 6304123745

📍 Vijayawada,India in Koushik-Akula

⬡ Koushik 🔗 koushikroyal.netlify.app

PROFESSIONAL EXPERIENCE

Data Analytics Virtual Internship, *AICTE,EduSkills* 🔗
05/2023 – 07/2023

AI - ML Virtual Internship, *AICTE,EduSkills* 🔗
12/2022 – 02/2023

EDUCATION

KL University, *Computer Science And Engineering*
09/2021 – present | Guntur, India
CGPA: 9.7(Present)

Narayana Junior College,
Telangana State Board of Intermediate Education(MPC)
2019 – 2021 | Madhapur, Hyderabad
Marks: 976/1000

Sri Chaitanya Techno School,
Board of Secondary Education, Telangana
2018 – 2019 | Kompally, Hyderabad
CGPA: 9.8

SKILLS

Experienced: C, Java, Python, HTML, CSS

Advanced: Git, Data structures,PostgreSQL, Machine Learning

Skillful: SeleniumTesting Tools, Pandas, MongoDB, Springboot

AWARDS

JEE - MAINS - 94 percentile
Got Excellent in Jee Mains 2021 and qualified for JEE Advance 2021

National Science Olympiad (NSO)
Qualified for NSO 2015

Indian National Talent Search Olympiad
Qualified for INTSO 2016

ORGANIZATIONS

Swecha-AP, *Volunteer*
worked as volunteer to teach the Web Development in Swecha Organization

LEARNINGS

Doing Research on Potato leaf disease prediction using Hybrid models, *Tensorflow, CNN, DataAugmentation, Different Optimisers*

INTERESTS

Data Structures | Chess | Artificial Intelligence

Speech Recognition | Aptitude | Reasoning Skills

Communication Skills | Problem solving

SQL Database | Designing and developing APIs

Manual Testing | Scrum/Agile Methodologies

PROJECTS

Library Management System 🔗
08/2023 – 11/2023
created a user-friendly checkout and return procedure that made it easier for librarians to deal with customers by organizing searches by department and specialization of expertise, which increased customer satisfaction.

Skills: Spring-Boot, MySQL, Java Server Pages

Heart Disease Prediction using Machine learning Algorithms 🔗
06/2023 – 09/2023
Using Machine Learning ensemble classifiers like Random forest to improve the accuracy of prediction

Vehicle Management System 🔗
02/2023 – 05/2023
Architected a comprehensive automobile management solution with a focus on security, integrating MongoDB and Node.js. In Authenication Module Encryption and Decryption Using Bcrypyt package.

Skills: Node.js, Express, MongoDB

Visual Recognition and image preprocessing using deep learning 🔗
12/2023 – 03/2024
Engineered and deployed a suite of advanced neural network models, including ANN, CNN, RNN, LSTM, GAN, and autoencoders, achieving a 95% accuracy rate on image recognition tasks across diverse datasets.

Selenium Tools For Automation 🔗
03/2024 – present
Setup Selenium to automate interaction operations and handle pop-up alerts. By means of a hybrid structure The program's hardcoded portion was eliminated by using the PageObjectModel design pattern.

Skills: Manual writing testcases, Integration Testing,Juint Testing and Regression Testing

CERTIFICATES

Problem Solving (Basic) Certificate 🔗
01/2024

Software Engineer Certificate 🔗
It covers topics like Problem solving, SQL, and REST API.

AWS Certified Cloud Practitioner 🔗
06/2023 – 06/2026

Tensorflow Developer Certification 🔗
04/2024 – 04/2027

AWS Certified Solutions Architect – Associate 🔗
07/2024 – 07/2027

Red Hat Certified Enterprise Application Developer 🔗
08/2023 – 08/2026

IBM Full Stack Software Developer 🔗
08/2023 – 03/2024

IBM Machine Learning 🔗
07/2023 – 10/2023