YESWANTH TEJA KARANAM

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EDUCATION

Maharaj Vijayaram Gajapathiraj College, *B.Tech in Computer Science and Engineering*	GPA: 7.62	May 2024
Sri Chaitanya Junior College, *Board of Intermediate Education*	GPA: 9.53	Apr 2020
Vignan Steel City Public School, *Central Board of Secondary Education*	Percentage: 89.4	Apr 2018

PROJECTS

Heart Disease Prediction using Machine Learning ⌾   Jan 2024 - Mar 2024

- Algorithms used: Decision Tree classifier, Random Forest, Multilayer Perceptron, XGBoost.
- Created a machine learning model utilizing k-type clustering and GridSearchCV-optimized algorithms to predict cardiovascular disease with an 84.47% accuracy, demonstrating expertise in data-driven medical research and algorithm optimization.

Python Full Stack Application ⌾   Dec 2022

- Tools & technologies used:Visual Studio Code,Django Framework, PostgreSQL,pgAdmin,HTML,CSS,Javascript,Github
- Designed and implemented a user-friendly website for food donations, allowing for real-time updates and facilitating connections between donors and recipients; tool is now utilized by 5 local charities to enhance outreach.

SKILLS

Languages	C++, Java, Python, HTML, CSS, SQL, Bash Scripting
Frameworks	Django, Rest API
Databases	MySQL, PostgreSQL
DevOps Tools	Jenkins, Docker, Kubernetes, Ansible, Git
Operating Systems	Windows, Linux
Cloud Platforms	AWS, GCP
Coursework	DataStructures & Algorithms, Object Oriented Programming, Operating Systems, DBMS

WORK EXPERIENCE

DevOps Engineer– *UST Global, Trivandrun, Kerala*   Nov 2024 - present

- Developed and maintained CI/CD pipelines using Jenkins and GitHub for automated build and deployment
- Containerized services with Docker and deployed to Kubernetes on AWS
- Automated infrastructure provisining with ansible, improving deployment speed and reliablity
- Worked on Cloud-native solutions, leveraging EC2, S3, IAM, EKS, ECR, ECS, Terraform, Cloud Formation, Cloud-Pipeline

Python Developer Intern – *Nexiilabs, Vizag, AndhraPradesh*   Sept 2024 - Oct 2024

- Worked on multiple real-time projects involving web and app scraping using Python and Playwright, including LinkedIn data extraction.
- Contributed to the development of an e-commerce application using Python, Django, and REST APIs.
- Gained hands-on experience in backend development, API integration, and data automation tasks.

NR TechCreatz pvt Ltd, AHub, Vizag – *Python Full Stack Developer Intern*   May 2024

- Planned and developed an E-commerce website using Django python framework for the Backend,HTML CSS Javascript for the Frontend, and Postgresql for the Database.
- Implemented user authentication, product catalog, shopping cart, and payment gateway functionalities.

CERTIFICATES

- AWS Cloud Practitioner
- Google Cloud Associate Cloud Engineer
- Salesforce Developer Internship
- Jenkins Cerification from udemy
- Kubernetes Cerification from udemy
- Bash Scripting and Shell Programing from udemy
- Cloud Computing Certification of NPTEL