IASWANTH AKULA

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EDUCATION

Aditya College of Engineering & Technology Bachelor's Degree / Information Technology / CGPA: 7.59 Oct 2020 - May 2024 Surampalem

Tirumala Junior Kalasala

Jun 2018 - Apr 2020

Intermediate / MPC / CGPA: 9.44

Rajahmundry

Tirumala Proactive (EM) High School

Jun 2017 - Apr 2018

S.S.C / CGPA: 10.0

Rajahmundry

SKILLS

Python | SQL | Html | CSS | Java Script | React Js | Bootstrap | Amazon Web Services (AWS Cloud) | GitHub | Java | Git | Docker | Kubernetes | Jenkins

EXPERIENCE

Java Full Stack Developer Intern

Nov 2024 - present Hyderabad

Ennea Solutions Company &

- Gained expertise in HTML, CSS, and JavaScript, developing responsive web interfaces.
- Built and deployed interactive web applications, demonstrating proficiency in front-end.
- Currently working with Java, Spring, and Hibernate frameworks, along with relational databases.

AWS Cloud Intern May 2023 - Aug 2023

- Remote F13 Technologies & - Developed and deployed a machine learning-powered movie recommendation system using Amazon
 - Implemented robust cloud security measures by configuring Windows EC2 instances with VPCs, subnets, and load balancers.
 - Managed and motivated 4 interns, and collaborated successful project completion.

Personalize, demonstrating proficiency in ML integration with cloud services.

AWS & DevOps Trainee Jul 2022 - Nov 2022

Technical Hub ∂

Surampalem

- Gained experience with various AWS services, including EC2, S3, VPC, RDS, Lightsail, CloudWatch.
- Proficient in version control and source code management using tools such as Git and GitHub.
- Deployed a containerized application using Docker and Kubernetes.

PROJECTS

Front-End Development Projects

Jul 2024 - Oct 2024

- Developed a fully responsive calculator application with basic arithmetic operations nad user-friendly interface.
- Built a two-player Tic Tac Toe game with game logic, a reset functionality, and responsive design.
- Created an interactive to-do list app that allows users to add, edit, and delete tasks.

Market Basket Analysis Using Deep Learning Techniques ∂

Jan 2024 - Apr 2024

- Predicted next-item purchases with 85% accuracy using a CNN-LSTM model, uncovering valuable customer behavior patterns.
- Analyzed data using Apriori and FP-Growth algorithms to identify product affinities, providing actionable insights for improved sales strategies.

AWS Project & Apr 2023 - May 2023

3-Tier Architecture

- Deployed a scalable and robust 3-tier architecture on AWS.
- The project involved using services like EC2 instances, VPC, RDS, AutoScallingGroups, and Load Balancers to connect to a MySQL Server.

WORKSHOPS

Internet Of Things Workshop

Dec 2023

- Gained hands-on experience with Arduino, ESP32 and various programming environments (Thony IDE) during this workshop.

Surampalem

- Projects Developed: Weather Station, SOS Button, Smart Umbrella

CERTIFICATION & AWARDS

- AWS Academy Graduate AWS Academy Cloud Foundations by AWS
- MTA Introduction to Programming Using Python from Microsoft
- Introduction to Cyber Security Issued by Cisco.
- Won the Bronze Medal in the Teks Academy Hackathon for developing an interactive front-end "Solar System" project using HTML, CSS, and JavaScript.
- Recognized as an active participant in the "Programmer's Day" event at Technical Hub.
- Cloud and DevOps Certified by "EPAM Systems" through Aditya College of Engineering and Technology's Center of Excellence.