Bala Subramanyam Karri

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SKILLS

PROGRAMMING

Java, Python, Solidity, DSA & Algo HTML, CSS, JS, Node JS, React JS, TS, Flask, SQL, MongoDB, Git, AWS, Jenkins, Terraform, Ansible, Docker, Kubernetes, hardhat

MACHINE LEARNING TOOLS

Scikit-learn, XGBoost, Pandas Numpy, Clustering, MBA Analysis Data Analysis, Data Science

EDUCATION

BACHELOR OF TECHNOLOGY

Computer Science Engineering Keshav Memorial Institute of Technology 7.3/10

May 2019 - July 2022 | Hyderabad, India

DIPLOMA IN COMPUTER ENGINEERING

Government Polytechnic, Masabtank - 8.0/10

Jun 2016 - May 2019 | Hyderabad, India

ACHIEVEMENTS

• Received an International Job Offer from JPMC, UK
• Ranked 1st position at Data Science competition organized by Analytical Vidya for building a classifier model with 91% accuracy.
• Achieved 198 State Rank in E-CET.

CERTIFICATIONS

AWS CLOUD PRACTITIONER

AWS | GDT6UYTHKASJ

I have learned so much about the services provided by AWS

IBM DATA SCIENCE SPECIALIZATION   Link

COURSERA | GDT6UYTHKASJ

This Specialization Consists of 9 Courses that independently helped me build Data Science experience.

EXPERIENCE

SOFTWARE ENGINEER | JP Morgan & Chase

Feb 2023 - Present | Glasgow, UK

- Implemented an innovative key store integration, bolstering application security and reducing vulnerabilities.
- Developed comprehensive unit tests, increasing test coverage by 8% and improving code reliability.
- Worked on migrating the database from MarkLogic to MongoDB and successfully migrated the data with zero downtime.
- Redesigned and developed the complete UI of the application using ReactJS
- Successfully integrated an external document creation tool using AWS Lambda and designed APIs for seamless integration.

ASSOCIATE SOFTWARE ENGINEER | CyberArk

SEP 2022 - Jan 2023 | Hyderabad, India

- Worked as DevOps Engineer for the Identity Security Product
- I have worked on building the Jenkins Pipeline which cleans up the workspaces.
- Written some terraform files to create a QA Workspace
- I have got to learn some new containerization and Orchestration tools like Docker and Kubernetes

AI INTERN | Jazeera Technologies pvt ltd

SEP 2021 – NOV 2021 | Hyderabad, India

- Worked with the team who is responsible to analyze the pattern of the Customers of a painting company for better Sales.
- Developed different machine learning models and performed hyperparameter tuning to get the best prediction accuracy out of them.
- Created a model for customer churn Detection and paint color prediction which can be suitable for the respective business of the customer.
- The model worked with 88 % of accuracy for the prediction of the colors which are suitable for the respective customer.

PROJECTS

PERSONAL PORTFOLIO WEBSITE   Link

- A responsive website built using React JS, and JS technologies.

NFT MARKETPLACE CLONE   Link

- A NFT Marketplace website built using Solidity, React JS, and JS technologies, and deployed using hardhat.

E-PASS APPLICATION USING FLASK   Link

- An E-Pass web application for inter-state travel using Flask
- The application can send the request status to WhatsApp.

CUSTOMER CHURN PREDICTION   Link

- A Machine Learning Model trained on the sales data of paints.
- The model determines whether the customer belongs to either Churn or Active Category
- The application is deployed to the Heroku cloud platform.