

# Bala Subramanyam Karri

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## SKILLS

### TECHNICAL

Java, Python, Rust, Solidity, Spring Boot, HTML, CSS, Javascript, Typescript, NodeJS, ReactJS, JEST, SQL, MongoDB Atlas

### TOOLS/PLATFORMS

Git, AWS, Jenkins, Spinnaker, Terraform, Docker, Kubernetes, Hardhat, DSA.

## 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

- Developed an innovative key store integration reducing application downtime.
- Redesigned and developed the complete UI of the Search as a Service (SaaS) application using ReactJS with module federation, maintaining redux global state.
- Worked with JEST testing framework for extensive React tests.
- Developed comprehensive unit tests, increasing test coverage by 8% and improving code reliability.
- Worked on redeveloping a tool called SearchAPI to use MongoDB Atlas, creating new data models to map the results from the aggregation framework in Atlas.
- Worked on building REST APIs using Spring Boot and Mockito for testing.
- Actively participated in numerous technical discussions.
- Deployed the application on AWS by setting up the Spinnaker pipeline for seamless deployment
- Worked on writing Terraform files for AWS infrastructure creation and updates based on the deployment on Bitbucket.

### ASSOCIATE SOFTWARE ENGINEER | CYBERARK

SEP 2022 - Jan 2023 | Hyderabad, India

- Worked as DevOps Engineer for the Identity Security Product
- Built a Jenkins Pipeline responsible for cleaning up workspaces.
- Wrote Terraform files to create a QA Workspace.
- Learned and applied containerization and orchestration tools such as Docker and Kubernetes.
- Implemented a CI/CD pipeline for the Identity Security Product using Jenkins, enabling automated testing and deployment.
- Conducted regular security assessments and vulnerability scans, ensuring the Identity Security Product's compliance with industry standards.

## 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.