KRANTHI KUMAR

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PROFILE SUMMARY

Recent Data Science Master's graduate with proficiency in Python, AI, and full-stack development. Experienced in web applications, machine learning models, and cloud technologies (AWS, Docker). Proficient in Python, MySQL, React.js, and deep learning frameworks. Implemented efficiency gain in deployment and testing in internships. Looking for an energetic role to leverage technical proficiency and add value to team success.

EDUCATION

COURSE	SCHOOL / COLLEGE	UNIVERSITY / BOARD	CGPA	YEAR OF PASSING
BCA (bachelor of computer application)	KL University	KL University	8.81	2023-2026
MEC	Loyola College	BOARD OF INTERMIDIATE AP	5.5	2020-2023

ACADEMIC EXPERIENCE / INTERNSHIPS

AWS DOCKERS INTERN

VXL IT Solutions - Vijayawada, India

Jan 2025 - April 2025

- Implemented a deployment strategy that reduced deployment time by 30%, resulting in increased efficiency and productivity.
- Successfully deployed and managed 50+ images using AWS Dockers, ensuring seamless integration with pipelines.

MANUAL TESTER INTERN

VXL It solutions., Vijayawada, India

Jan 2023 - May 2023

- Introduced a new testing methodology that reduced testing time by 30%.
- Identified and resolved critical bugs, leading to a 15% increase in product stability.
- Mentored junior testers to enhance their testing skills and knowledge.

JR. AWS DEVELOPER INTERN

TCS ION - Hyderabad, India.

Jul 2022 - Sep 2022

- Introduced a new deployment strategy utilizing AWS Code Pipeline, reducing manual errors by 40% and enhancing deployment reliability.
- Implemented a cost-saving initiative by right-sizing EC2 instances based on usage patterns, resulting in a 15% reduction in infrastructure.

ACADEMIC PROJECTS

CHRONIC KIDNEY DISEASE PREDICTION USING CNN, LSTM, AND ENSEMBLE MODELS LINK

- Implemented seven deep learning algorithms to predict and classify CKD based on extracted features from pre-processed datasets.
- Focused on utilizing artificial intelligence for accurate CKD prediction and classification, addressing the rising global incidence of the disease.

CAPTURE_IMAGE LINK

- The capture image project focuses on capturing and processing images using a camera or sensor, typically for applications like computer vision, surveillance, or data collection. It involves hardware integration, image acquisition, and basic pre-processing for further analysis.

FACEBOOK-LOGIN-AUTOMATION USING JIRA LINK

- The **Facebook-Login-Automation using Jira** project automates Facebook login processes by integrating with Jira for task management and tracking. It streamlines authentication workflows, ensuring secure and efficient user access while logging issues and updates in Jira.

SKILLS

Functional: Git, CI/CD pipeline, VS Code

Technical: Python, MySQL, MongoDB, R, php, JavaScript, HTML, CSS, AI

Frameworks: - Bootstrap, React.js, Django,

Libraries: - Pandas, NumPy, Matplotlib, SciPy, Seaborn, Scikit-learn

Additional Skills: - Canva, MS Office, Prompt Engineer, Power BI

CERTIFICATIONS/ ACHIEVEMENTS

- **Programming in Java** - Issued by NPTEL [National Programme on Technology Enhanced Learning]
- **Basics of Python** - Issued by Infosys

  Tester- Issued by VXL it Solutions
- **AWS Docker** - Issued by VXL It Solutions