Sadiq Shaik

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• https://github.com/SHAIKSADIQ-UI

PROFILE SUMMAR

Results-driven Software Engineer with a specialization in Python, Machine Learning, and Automation Testing Frameworks. Holds a Master's in Data Science with hands-on experience in Docker, Git, CI/CD pipelines, and cloud technologies (AWS, Azure). Has developed, tested, and deployed software solutions with deep understanding of API integration, database management, and automation frameworks. Manual testing, debugging, and software validation have ensured high product stability and reliability. Passionate about using AI and deep learning models to drive innovation in embedded and cloud-based applications .
Looking for an opportunity to leverage expertise in embedded software development and multimedia technologies .

EDUCATION

Krishna University, Andhra Pradesh, India   Oct 2023 - Jun 2025
Masters in Data Science   GPA: 8.67
Relevant coursework: Relevant coursework: AWS Docker, Django and Flask, Artificial Intelligence with Python, Machine Learning, Big Data, Web Technologies

Krishna University, Andhra Pradesh, India   Sep 2020 - Aug 2023
Bachelors of Vocational in Web technology and Software development (B.VOC)   GPA: 8.8

SAS Jr College, Vijayawada, Andhra Pradesh, India   Jul 2018 - Jun 2020
Intermediate in MPC   GPA: 5.5

SKILLS

Functional: Docker, Git, CI/CD pipeline, AZURE, VS Code, PyCharm
Technical: Python, Java, C, PHP, MySQL, SQL, MongoDB, R, HTML, CSS, Java Script, TensorFlow, PyTorch, Artificial Intelligence, CMS
Frame Works: Bootstrap, React.js, Angular,   Libraries: - Pandas, NumPy, Matplotlib, SciPy, Seaborn, LightGBM, XGBoost, Scikit-learn,
Django, Flask, Node.js, Express.js, Laravel.:   Recurrent Neural Networks, Long Short-Term Memory Networks, Gated Recurrent Unit

PROFESSIONAL EXPERIENCE

VXL IT Solutions - Vijayawada, Andhra Pradesh, India.   Jan 2025 - Present
AWS Dockers
• 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.

VXL IT Solutions - Vijayawada, Andhra Pradesh, India.   Jan 2023 - May 2023
Manual Tester
• 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.

TCS ION - Hyderabad, Telangana, India.   Jul 2022 - Sep 2022
JR. AWS DEVELOPER
• 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.

PROJECTS

Chronic Kidney Disease Prediction using CNN, LSTM, and Ensemble Models   Jan 2025 - Apr 2025
• 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.
Tech Insights & Personal Milestones: A Journey Through Innovation   May 2023 - Jul 2023
• Incorporated user authentication and registration features for secure access to the website.
• Designed homepage to showcase recent posts and enable easy navigation to detailed post pages.

ACHIEVEMENTS

• Programming in Java - Issued by NPTEL [National Programming on Technology Enhanced Learning]
• Basics of Python - Issued by Infosys
• Tester- Issued by VXL it Solutions
• AWS Docker - Issued by VXL it Solutions