Mani Y

Full Stack Developer, 4+ years experience
Chennai, India
https://augmntx.com/profile/full-stack-web-developer-mani-y/axo6164

+91 9820045154 | hr@augmntx.com

Highly motivated and results-driven professional seeking a challenging position where I can utilize my relevant skills/qualifications to contribute to the success of the organization.

INDUSTRIES: Trading, Healthcare, Publishing

TECHNICAL SKILLS

• React	2 years
• Python	1 years
• Python	8 months
• DevOps	2 months
• Pytest	4 months

PROJECT DETAILS

• Trust Capital

Project Description: • The Project involves buying and selling bonds, IPO, and other financial services. • In this project I have developed the rest API using Flask which is a Python web framework for server-side programming and also for Data Management Postgres SQL is used
Responsibilities: API Development, Authentication and Authorization, Database Integration, Middleware and Request Processing, Security, Version Control
Technologies: Flask Rest API, Linux server ,JWT Token ,Python
Industry: Trading

• Digital Surgery Platform

Project Description: • Anchor Octave enables device tenants to engage with and utilize DSP (Digital Surgery Platform) to process and analyze data received from several sources, data partners, system-generated, and manually generated.
Responsibilities: • Create a React-based user interface that leverages a file search API, allowing clinical users to access ingested files from device connectivity, with the backend implemented in Python. • Building a video streaming platform with Azure Media Service using Python for the backend, including video processing and management, and integrating it into React for the front end. • Creating Continuous integration and deployment, automating the testing process. • Developed and maintained Flask-based web applications for clients in the healthcare industries Designed developed and maintained REST APIs using Flask for file upload and download functionality. • Documented the API using Swagger UI and hosted it on Azure cloud. • Wrote unit and integration tests using PyTest and Flask-Testing libraries to ensure the functionality and reliability of the API. • Generate the package upload into the Artifactory and store account using Jenkins pipeline
Technologies: • ReacPython, Azure HTTP function , Azure Timer function, Azure Storage Blob , Azure Media Services , Jenkins, Azure DevOps, Containerization using Docker, JFrog Artifactory , Azure Kubernetes Services (AKS), WebApp, OKTA Token , MySQL
Industry: Healthcare

• KJMS (Editorial Management and Publishing Portal)

Project Description: The KJMS project aims to provide a comprehensive solution for the management of academic journals, editorial workflows, and the publishing process. It may include features to streamline the entire lifecycle of academic articles, from submission to publication.

Responsibilities: • User Authentication: Implement user registration and login functionality to allow users to create accounts and access their KJMS Portal. • Designed and implemented the user authentication system to manage roles and permissions • Created a user-friendly book management interface, allowing users to add, edit, and categorize books. • Developed an editorial workflow system to streamline manuscript submission, editing, proofreading, and approval processes. • Enabled manuscript version control and content management for various book formats. • designed and integrated a book cover management system with image processing capabilities. • Designed user profiles, showcasing authors' published books and contributions. • Integrated a collaboration and comments system for effective teamwork during the editorial process. • Developed a notification system to keep users informed about the status of their manuscripts. • Ensured responsive design for cross-device compatibility. • created comprehensive user and administrator documentation for seamless system use. • Deployed the system on an azure VM hosting service, ensuring accessibility and performance.

Technologies: React, Redux, Formik, React Bootstrap, React-Table, React-Select, React-Jhipster, Yup Validation

Industry: Publishing

EMPLOYMENT HISTORY

• Full Stack Web Developer — September-2019 - December-2023

CERTIFICATION

• AZ-900 Certificate by Microsoft Certification — 2023

EDUCATION

• Bachelors degree in Computer Science from Periyar University — 2016 - 2019

LANGUAGES

• English - intermediate

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