Icecreamwala M

Manager, 7+ years experience
Indore, India
https://augmntx.com/profile/manager-icecreamwala-m/axo12225

AugmntX
+91 9820045154 | hr@augmntx.com

Seasoned professional with 7 years of hands-on expertise in leveraging AWS Data Landscape, specializing in data ingestion pipelines from diverse sources such as files, databases, and applications.

INDUSTRIES: Sports, Finance, Healthcare

TECHNICAL SKILLS

• AWS	7 years
• Python	7 years
• Redux	6 years
• JavaScript	6 years
• TypeScript	6 years

SOFT SKILLS

Communication, Teamwork, Problem-solving, Critical thinking

PROJECT DETAILS

• Fantasy King

Project Description: Fantasy King is a gaming platform for football fans. An online game where participants assemble virtual teams of real-life players and earn points based on the performances of these players in real matches from a professional sport. At the end of the contests, participants are ranked based on how many points their virtual team scored.

Responsibilities: Designed developed, and deployed RESTful APIs with a focus on maintaining high coding standards, thorough documentation, and regular code reviews. Integrated third-party systems securely, utilizing authentication methods such as OAuth, JWT, and API keys to ensure data protection and access control. Worked with PostgreSQL, a relational database, for efficient data storage and retrieval. Set up the fully automated CI/CD pipeline for frontend and backend application using AWS Code Pipeline. Used AWS Code Build for creation of builds Used Elastic Beanstalk for Deployment Setup of API gateway for server-side caching Setup of CloudFront for static file caching Used Amazon Kinesis and Kibana for logs analysis and visualization Dockerized the whole application Managed vertical and horizontal scaling of the application. Used SQS to make a monolithic system decoupled. Performed unit testing using JUnit aiding test driven Development in some scenarios.

Technologies: React, Python, Javascript, Django, Docker, Firebase Database and Firebase functions, Elasticsearch, Docker, Kibana, AWS, GCP

Industry: Sports

• Golfhubber

Project Description: Golfhubber is the first complete golf network of its kind, bringing clubs, pros, companies and amateurs together on a shared digital platform. It helps users interact in all aspects of the game and provides 39,000 active scorecards, live-score tournaments, stats, and many more exciting features. Golfhubber will soon become the go-to app for all your golfing needs — connecting the game.
Responsibilities: Lead the design, development, and optimization of data ingestion pipelines within the AWS Data Landscape, utilizing 7 years of hands-on experience. Spearhead the construction and improvement of Python and PySpark-based frameworks to ensure seamless and efficient data integration from diverse sources, including files, databases, and applications. Serve as the primary point of contact for business functional teams, leveraging strong communication skills to understand and address specific project requirements effectively. Worked on serverless architecture using Firebase Developed scalable APIs for the application Worked on Firebase Functions to manage data processing of Real Time database Implementation of firebase listeners Implementation of Elasticsearch queries to do a full text search in the application Setup of Elasticsearch with Firebase database using flashlight Implementation of Firebase Authentication Implementation of RBAC using firebase Written import script to import 39000 club databases into the system and to index clubs into Elasticsearch Implementation of visualization tool Kibana to monitor the system data
Technologies: React, Javascript, Python, Docker, Firebase Database and Firebase functions, Elasticsearch, Docker, Kibana, AWS
Industry: Sports

• TPI Labs

Project Description: Transfer pricing nuances combined with its ever-changing requirements make it complex to navigate. For over 20 years our team has worked alongside over 300 organizations and managed to successfully address the intricacies of this complex landscape, while meeting revenue authorities' requirements across the globe.
Responsibilities: Proactively troubleshoot and optimize data pipelines, ensuring data integrity, performance, and adherence to industry best practices. Developed scalable APIs for the application Worked on Server frameworks like Express.js, Socket.IO, Managed the MySQL Database and migrated to AWS RDS for scalability Worked on PenTest compliance Worked on Server frameworks like Express.js, Socket.IO, Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js. Worked with Axios and Lodash libraries for Ajax calls and utility functions respectively Handled all aspects of the web application including maintaining, testing, debugging and deploying Integration and deployment of applications and knowledge of CI/CD pipeline Worked with ECMA Script 6 features for build of JSX and ES2015(ES6) used Babel and webpack.
Technologies: React, Python, Typescript, Containerization
Industry: Finance

• Onko

Project Description: An ally throughout cancer treatment, delivering bespoke health improvement programs to the palm of your hand. This unique approach combines the connectivity and intelligence of technology with the support of healthcare professionals to ensure the very best results. Technology allows for frequent education, ongoing understanding and connected care to help you achieve the best quality of life and the fastest route to recovery. Onko service ensures you are not only supported but personally empowered, energized and motivated

Responsibilities: Managed the MySQL Database and migrated to AWS RDS for scalability Involved in the development of Web Services using REST for sending and getting data from the external interface in the XML format. Exported Test Case Scripts, modified the selenium scripts and executed them in the Selenium environment. Outputted the parsed data as JSON/BSON and stored it into MongoDB Using AWS for application deployment and configuration. Worked in comprehending and examining the client's business requirements. Used Django frameworks and Python to build dynamic webpages. Generated Python Django Forms to record data of online users. Developed MVC prototype replacement of the current product with Django. Improved Data Security and generated the report efficiently.

Technologies: React, Typescript, Django, Docker, MySQL, WebRTC, Firebase, Lambda, Ansible, Logstash

Industry: Healthcare

EMPLOYMENT HISTORY

• Manager

Description: Seasoned professional with 7 years of hands-on expertise in leveraging AWS Data Landscape, specializing in data ingestion pipelines from diverse sources such as files, databases, and applications. Proficient in comprehending and articulating the intricacies of data ingestion processes, ensuring seamless integration and reliability across various data origins. Proven track record in constructing and optimizing Python based frameworks tailored for robust data ingestion, demonstrating a commitment to technological advancement and efficiency. Extensive data engineering experience encompassing AWS Data Services, including Lambda, Step Functions, and Event Triggers, ensuring a comprehensive and streamlined approach to data management. Recognized as a senior engineer with the capability to act as the primary liaison between technical teams and diverse business functional units, facilitating effective communication and understanding of project requirements.

CERTIFICATION

• AWS Certified Solution Architect by AWS 2022

• AWS Certified Developer Associate by AWS 2021

EDUCATION

• Bachelors degree in Computer Science from DAVV 2012 - 2016

LANGUAGES

• English - native

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