karan K K

Software Developer, 1+ years experience
Chennai, India
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Software Trainee with 1 Year of experience in AWS Cloud Engineer and Html, CSS, and SQL Server. Hands-on experience in AWS.Strong experience in MySQL. I deeply understand AWS technologies and services, including EC2, S3, Lambda, API Gateway, DynamoDB, and more. I have extensive experience in developing, deploying, and managing cloud-based applications and services using AWS. I have worked on various projects, from simple web applications to complex, distributed systems that handle large volumes of data and traffic. My skills and expertise include designing and implementing AWS architectures that are secure, scalable, and highly available. I have experience in developing serverless applications, deploying containerized applications, and automating infrastructure using tools like Terraform and CloudFormation. I am also familiar with CI/CD pipelines and have experience in configuring and managing AWS services such as CodeDeploy, CodePipeline, and CodeBuild. In addition to technical skills, I have excellent communication and collaboration skills and work well in a team environment. I am committed to delivering high-quality solutions that meet business requirements and exceed user expectations.

INDUSTRIES: Analytics, FinTech

TECHNICAL SKILLS

• Amazon Web Services	1 years
• Python	1 years
• Linux Debian Based	1 years
• MS SQL	1 years
• GitHub	1 years

SOFT SKILLS

Critical thinking, Time management, Problem-solving

PROJECT DETAILS

• Orchestrating ETL jobs using AWS services.

Project Description: Orchestrating ETL (Extract, Transform, Load) jobs using AWS services involves using a combination of AWS tools and services to automate and manage the process of moving data from various sources into a target system, after applying the required transformations. ETL is a common data integration process used in data warehousing, business intelligence, and big data projects. The process of orchestrating ETL jobs typically involves the following steps: Extracting data from source systems such as databases, files, or web services. Transforming the data to match the requirements of the target system. This may involve cleaning, filtering, joining, or aggregating the data. Loading the transformed data into the target system, such as a data warehouse or a cloud-based storage service.
Responsibilities: Designed and Developed ETL job on customer-reviewed data from the past 2 years data. Data is extracted, processed by the data warehouse, and transformed accurately and validated. All the process is automated with a central operating service AWS GLUE. The processed query uses various business analyses, including analyzing best-performing products, the status of delivery etc.
Technologies: AWS Glue, Redshift, S3 storage.
Industry: Analytics

• Application for ATM card integrations

Project Description: An application for ATM card integration is a software solution that enables users to link their ATM card with a digital wallet or other payment platforms. This integration allows users to use their ATM card to make online purchases, pay bills, and transfer funds to other accounts. The application should be designed to work seamlessly with various banking systems and offer a secure and convenient way for users to manage their finances. The following are some key features and functionalities that an ATM card integration application should include: Secure user authentication: The application should have robust authentication mechanisms to ensure that only authorized users can access their accounts and perform transactions. Card registration: The application should allow users to register their ATM card details securely, including card number, expiration date, and CVV code. Account linking: The application should enable users to link their ATM card to their digital wallet or other payment platforms, such as PayPal or Stripe. Payment processing: The application should support secure and reliable payment processing, including real-time fund transfers, bill payments, and online purchases. Transaction history: The application should maintain a transaction history that allows users to track their spending, review their account balances, and monitor their financial activity.
Responsibilities: Designed An Application To facilitate communication between various bank databases. Developed a model website for registering the ATM cards that need to be integrated. Secure communication by AWS RDS service using PostgreSQL for backend connectivity. ATM machines are capable of displaying and transaction all other integrated accounts securely.
Technologies: Html, CSS, AWS Elastic Beanstalk, RDS.
Industry: FinTech

EMPLOYMENT HISTORY

• Software Developer

Description: My responsible for setting up, maintaining, and evolving the cloud infrastructure of web applications are expected to understand the core AWS services and apply best practices regarding security and scalability.

EDUCATION

• Masters degree in MCA from PGP College of Engineering & Technology 2017 - 2019

LANGUAGES

• English - intermediate

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