

RAJNISH KUMAR



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Hyderabad, Telangana, India

WORK HISTORY

VALUELABS

Hyderabad, Telangana • 07/2019 - Present

- Designed and developed highly available, distributed, fault tolerant, cloud native solutions using Agile principles, CI/CD techniques and Master Slave design patterns.
- Handled Requirement Gathering, UI/UX Development, Database Design, REST API Development, Payments, Security, Cloud Architecture, Deployment, Data Analysis and Support.
- Created Proof of Concepts in multiple cutting-edge technologies. Handled Onsite, customer interactions, discussions on application re-architecture and successful project pitches with the customer.

TECHNICAL SKILLS

Programming Languages:

Python, JavaScript, Rust, Java

AWS Services:

EMR, Lambda, Glue, S3, EC2, SQS, Cloud Watch, IAM, Athena, SES, DynamoDB, Quick Sight, SSM, SNS, CloudFormation, Secrets Manager

Data Analytics Technologies:

PySpark, Dask, Pandas

JavaScript Frameworks:

ReactJs, Vue.js, Node JS

Databases:

SQL Server, RDS, PostgreSQL, Redshift

PROFESSIONAL SUMMARY

- 2+ years of IT experience as a Developer, Designer of large-scale distributed systems.
- Skilled in designing and developing of Serverless Architecture using AWS.
- Quick Learner and a polyglot programmer capable of adapting to any cutting-edge technology and third-party products.

PROJECT SUMMARY

Project Title: Data Migration, Advanced Data Analytics & Validation

Client: ACA (American Credit Acceptance)

ACA has successful relationships with the largest new and used car automotive retail groups in the U.S., as well as hundreds of additional franchised and independent dealerships. ACA has a dedicated team of more than 1,000 associates, is accredited with the Better Business Bureau, and provides financing to consumers in all 50 states.

Key Responsibilities:

- Worked with AWS CLI and AWS SDK to interact with the objects kept in S3 buckets.
- Deployed EMR clusters and used them for data analytics and transformations by writing PySpark scripts.
- Developed Glue jobs to transform various feeds data from S3 csv files to AWS Redshift as target using AWS Glue PySpark Jobs.
- Involved in the planning, design and development of Data Lake using S3 and Redshift with AWS Glue as ETL service.
- Developed stored procedures on redshift for performance enhancement.
- Performed requirement gathering with the client to provide best solution suitable.
- Developed an automated Python framework that validates schema and Data between cross-environment along with handling transformations for multiple Input formats like SQL Tables, CSV Files, Parquet Files, JSON, XML, Flat-File, etc.
- Developed Enhanced Reporting and Dashboard based on test results along with Email Notification for Data Comparisons.
- Developed an automated process to Mask Redshift tables/files (csv and parquet) using Delphix Masking Engine.
- Created Lambda Functions to monitor Masking Jobs and send notification upon completion.

CI/CD Tools:
Git, Code Commit

Embedded Systems:
Raspberry Pi, Arduino, Android

ACHIEVEMENTS

- Star of the Month - Jan 2021
- Super Star of the Quarter - Nov 2020
- 3rd Rank in IOT Competition at Cognizance'17 at IIT Roorkee - Mar 2017

EDUCATION

Dr. D Y Patil Institute of Engineering,
Management & Research, Pune
Bachelor of Engineering • 2019
CGPA: 8.56

XII, CBSE Board
Percentage: 80.20

X, CBSE Board
CGPA: 10.0

PROFESSIONAL NETWORKS

[linkedin.com/in/rajnish307](https://www.linkedin.com/in/rajnish307)
github.com/rajnish307

DECLARATION

I hereby declare that all the above information is correct to the best of my knowledge.

SIGNATURE: RAJNISH KUMAR

Project Title: Application Development

Client: WHS (WebMD Health Services)

WHS brings together the comprehensive products and services from WebMD Health Services to provide personalized recommendations and information that is relevant to everyone, at every stage of life. Its proven results don't stop with engagement. WHS focuses on building daily habits that align with the unique interests of everyone.

Key Responsibilities:

- Worked on building responsive webpages using Functional Components (React Hooks) as well as Class based Components.
- Worked on fetching data from Backend (Node JS and ASP.Net) using API Calls based on Promises.
- Worked on Creating API in Node JS and ASP.Net for different requirements which includes fetching data from SQL Server.
- Implemented Routing using BrowserRouter and React Router DOM and Redirecting to specific page on authentication using Protected Routes.
- Worked on designing Dashboard using Material UI and ChartJS.
- Worked on Responsive design using Media Query and Bootstrap, ensure that the website is optimized for various devices and browsers.

Project Title: Real time dimension Measurement with Deep Learning

Key Responsibilities:

- We developed a system that is capable of identifying dimensions of any 2-Dimensional or 3-Dimensional objects.
- Used Stereo camera setup for input feed and processed video using OpenCV.
- Used TensorFlow for training the model.
- Simulated this model for Self-Driving Car System.