

# KODANDAPANI DUVVURU

2-16, Vakadu, Nellore, Andhra Pradesh, India - 524415

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## SKILLS

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<b>Coding Skills</b>	: Python,Java, Pandas, Pyspark, & SQL
<b>Environment</b>	: AWS cloud
<b>Cloud Skills</b>	: IAM, S3, CloudFront, Storage Gateway, Snowball, EC2, CloudWatch, CLI, Lambda, Route 53, RDS, DynamoDB, Redshift, ElastiCache, Aurora, VPC, SQS, SNS, API Gateway,Jenkins,kubernetes,Terraform
<b>Web Technologies</b>	: HTML, CSS, BeautifulSoup, JavaScript, JQuery & Bootstrap
<b>Web Server</b>	: Apache Tomcat 5.5
<b>Technical Skills</b>	: Spark Data Frame API,Spark Programming, SQL for Data Analysis, Simplify Data analysis With Python,Data Extraction and Transformation and Load, Setting up AWS and Azure Databricks Account.
<b>RPA tools</b>	: Kofax kapow & UI Path

## EDUCATION

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<b>Bachelor of Technology in Computer Science &amp; Engineering</b>	Aug 2011 - May 2015
IIIT RK Valley, Andhra Pradesh, India	CGPA: 7.43/10
<b>Pre-university course</b>	Jul 2009 - May 2011
RGUKT RK Valley, Andhra Pradesh, India	CGPA: 8.08/10

## EXPERIENCE

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<b>Software Engineer</b>	June 2019 - Present
S&P Global, Bangalore	
<ul style="list-style-type: none"><li>Designed, configured and managed public/private cloud infrastructure platforms utilizing Amazon Web Services. Experienced at launching Amazon EC2 instances and setting up security groups and configure Elastic Load Balancers with EC2 Auto Scaling groups.</li><li>Designed and executed on-prem to AWS cloud migration projects for Blade-Runner Cloud migration.</li><li>Designed Stacks using Amazon CloudFormation templates to launch AWS Infrastructure and resources. Utilize CloudWatch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo DB tables, and EBS volumes.</li><li>Work across the organization to provide business process or design recommendations consistent with long term business and IT strategy</li><li>Created Auto Scaling groups in AWS from Instance templates and Auto Provisioning based on the Project/Testing team needs</li><li>Experience in developing Spark applications using Spark-SQL in Databricks for data extraction, transformation, and aggregation from multiple file formats for Analyzingamp; transforming the data to uncover insights into the customer usage patterns.</li><li>Extract Transform and Load data from sources Systems to Azure Data Storage services using a combination of Azure Data factory, T-SQL, Spark SQL, and U-SQL Azure Data Lake Analytics. Data ingestion to one or more Azure services (Azure Data Lake, Azure Storage, Azure SQL, Azure DW) and processing the data in Azure Databricks.</li><li>Good understanding of Spark Architecture including spark core, spark SQL, DataFrame, Spark streaming, Driver Node, Worker Node, Stages, Executors and Tasks, Deployment modes, the Execution hierarchy, fault tolerance, and collection</li></ul>	

## Associate Software Engineer II

June 2017 - 2019

S&P Global, Bangalore

- Mentoring colleagues through the Kofax kapow training and accreditation program providing advice and guidance on best practice and development techniques.
- Participate and deliver special projects/assignments such process improvements initiatives
- Keep the project manager informed of the overall status of the solution Work across the organization to provide business process or design recommendations consistent with long term business and IT strategy
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- Practipate in development of road maps and participate in the standards process for Identity and Access Management (IAM)solutions.
- Building A central library of investor and corporate presentations, & financial filings.

## Associate Software Engineer I

Dec 2015 - June 2017

S&P Global, Bangalore

- Work as part of small teams (3-10 people) under the direction of an Engagement Lead to deliver RPA consulting services to clients in both onsite and remote settings.
- Mentoring colleagues through the Kofax kapow training and accreditation program providing advice and guidance on best practice and development techniques.
- Provide development and testing support, and follow implementation of standards and best practices in alignment with our architecture patterns
- Created reusable processes and/or extensions(snippets) for the RPA tool-sets.
- Designing insightful reporting for business process improvement and benefit realization
- Ongoing contribution to the automation Practices and Frameworks in order to drive a culture of continuous improvement

## PROFESSIONAL DEVELOPMENT

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### AWS Solutions Architect - Associate Level

Mar- Nov 2021

*AWS Certification*

- Learned the fundamentals of AWS architectural principles and services, Gained knowledge in each of the individual elements: IAM, S3, CloudFront, Storage Gateway, Snowball, EC2, CloudWatch, CLI, Lambda, Route 53, RDS, DynamoDB, Redshift, ElastiCache, Aurora, VPC, SQS, SNS, Elastic Transcoder, Kinesis, API Gateway, and so on

### Pandas Essential Training

April - May 2020

*LinkedIn Learning*

- Learned basics of Pandas using Jupyter Notebook.

### SQL Data Reporting & Analysis

*LinkedIn Learning*

- Learned basics of SQL & Joins using MySQL.

### Microsoft DEV274x: Introduction to Python Fundamentals - Score 93%

Jun - July 2018

*Edx Learning Platform*

## CERTIFICATIONS

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AWS Certified Solutions Architect - Associate by AWS