Ravi Kasala

Cloud Solution/Data Architect

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PROFILE

Highly effective Architect with over 15 years of experience in full software development lifecycle, from concept through delivery of next-generation applications and customizable solutions.

Excellent skills in data platforms, consulting, defining data requirements and analytics.

Expert ability to successfully implement end-to-end architecture and design for Big Data, Cloud and Analytics solutions.

SKILLS

Platforms: Linux (RHEL, Ubuntu)/Unix(OS X), Windows
Big Data: Hadoop (Cloudera), Kafka, Spark, Hive, Flume, Sqoop
Languages: Java, Scala, Python, C#
Web: HTML, CSS, Django, Node.js, JavaScript
Databases: SQL Server, MySQL, Oracle
NoSQL: HBase, Solr, ElasticSearch
Machine Learning: scikit-learn, Azure Auto ML, TensorFlow
Cloud and Distributed Computing: Kubernetes, Docker, Azure, AWS, GCP
Development: OOD, Agile / Scrum, Solutions Architecture
Tools: Git, SVN, OpenShift, Ansible

EXPERIENCE

N4MATIVE, GA   **2015 - Present**
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BIG DATA ARCHITECT
- Created ETL architecture and provided strategy related to data cleansing, data quality and data consolidation on prem and in the cloud (AWS) for major clients.
- Developed custom applications using Big Data tools like Spark, Kafka, HBase, Solr & Elastic Search.
- Developed REST APIs in Java & Python.
- Played role in setting up ML Center of Excellence using OpenShift, Git, Elastic Search.
- Led development efforts for internal products (IoT, Dynamic Videos).
- Implemented Machine Learning algorithms - Classification and Prediction in Python (scikit-learn).
- Familiarity with setting up and executing machine learning tasks in AWS & Azure Auto ML platforms.
- Design & implement solutions using Azure Cognitive services.
- Integrate applications with highly scalable trained AI models.
- Participate in vendor landscape and technology assessments for clients (AWS, Azure, GCP and open source tools e.g. TensorFlow etc.)
- Developed and Deployed cloud based (AWS, Azure) PAAS and SAAS applications.

EDUCATION

Georgia Tech — MS in Computer Science
Osmania University (INDIA) — BS in Engineering

CERTIFICATIONS

AWS Certified Solutions Architect - Associate
Microsoft Certified AZURE FUNDAMENTALS
AWS Certified CLOUD PRACTITIONER
IT Project Management, GEORGIA TECH
Certified Scrum Master
Certified Blockchain Expert

ZETA GLOBAL, GA   **2012-2015**
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TECH. LEAD / SCRUM MASTER

- Led Maintenance and Support teams for a SAAS product.
- Responsible for triaging production issues and efficiently allocate incoming requests to the team.
- Communicate the necessary steps to L1 support team to ensure smooth day to day operations and to ensure SLAs were met.
- Was SCRUM master for a geographically distributed maintenance team (USA, India & Russia).
- Provided Data warehouse, database and data mining technical support
- Was hands-on technical lead for maintenance development team.

CLINICAL SOLUTIONS, GA   **2001-2012**
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LEAD ENGINEER / TECH. MANAGER

- Successfully designed, developed, customized software   applications and tools using advanced development and coding techniques.
- Managed all phases of application design from coding and prototyping through system testing, integration and deployment.
- Developed comprehensive healthcare CRM solution to manage all aspects of health care call center and walk-in center operations for various national health organizations across Europe (NHSD, NHS24) and other clients in US and Asia.
- Worked with Business Analysts, Product Managers and led a team to successfully deliver a walk-in center product for better user & patient experience.
- Worked with pre-sales team to understand the market needs and customized the product for demos.