



# Krishna Balam

DATA AND CLOUD COMPUTING EVANGELIST

I am a multi-skilled Startup, Cloud Computing, Big Data, Data Engineering, Predictive Analytics, Machine Learning, and Business Intelligence leader with 17 years of experience in architecting and managing teams for critical products in the financial, consumer & retail, insurance, and manufacturing sectors.

I am very passionate about solving real-world problems with new advents in distributed and cloud computing and also applying technology to help human cause.

I possess a proven ability to manage project teams to successfully deliver agreed-upon solutions of the highest quality, on-time, and within budget, often in complex and challenging environments.

## PERSONAL INFO

### EMAIL

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Henrico, VA, USA - 23233

## WORK HISTORY

### Director of Technology

2015-10 - present

Capital One, Washington DC

I am currently working as a Director of Technology at Capital One. I work in the Center for Machine Learning division developing next-generation machine learning platforms and models to support multiple initiatives such as Anti Money Laundering (AML) and Credit Risk Monitoring (CRM).

I also have extensive experience in developing next-generation toolsets for data scientists and the quants community to reduce time to market on machine learning and predictive models from development to production execution.

### Chief Technology Officer (CTO)

2019-11 - present

Integriant Ventures Insurance Services, Washington DC

Integriant Ventures is a world-class direct-to-consumer insurance business. We are constantly innovating and utilizing the best technology and processes to significantly improve customer experience and boost agent productivity.

As the CTO I have beenn providing leadership as Company's top technology expert and peer partner on the executive management team. Also I collaborate closely with CEO and other executive leadership.

I also have been working to grow Integriant's tech teams through treating engineering as a craft, seeking individuals with unique and diverse skill sets, and encouraging each team to grow with a deep sense of humility.

### Chief Technology Officer (CTO)

2018-10 - present

Digitree Consulting & IR4Labs, Neptune, NJ

Digitree Consulting and its Indian sister company IR4Labs, provides information technology services focused on cloud computing, data and machine learning, for customers across multiple industries such as Insurance, Learning, and Pharma.

As the CTO of both the companies, my responsibilities include thought leadership, strategic technology vision, program mamangement, hiring right talent, finding consulting opportunities, keeping track of technology innovation and, applying it to custmer needs.

## Data Warehouse and BI Architect & Manager

2009-04 - 2015-10

Rosetta Stone, Washington DC

Reporting to the CIO, I was recruited to manage Data Warehouse and Data Integration operations for the enterprise and quickly awarded added responsibilities for Business Intelligence when BI Manager left the company.

As Data Warehouse & BI Manager / Architect, my role is responsible for providing enterprise data roadmap to upper management, design, develop and maintain data warehouse and decision support solutions through a team of ETL and BI developers including offshore vendors. My responsibility also included managing the operational budget for internal resources and vendor contracts.

## Sr. Information Systems Engineer

2008-03 - 2009-03

Qimonda NA, Sandston, VA

Hired as a Sr. Information Systems Engineer to be a part of manufacturing business intelligence team, my role was to manage and guide a team of Junior Information Systems Engineers, to design a new near real-time replication mechanism between factory transaction databases and data warehouse, design and develop master data management initiatives, employ Lean Six Sigma methodology in data warehouse design, development and maintenance activities, 24X7 support for Data Warehouses and as well as custom-designed reporting applications.

My responsibilities included applying my deep experience in database and data warehouse development to provide low latency near real-time insights for line managers all over the globe as well as upper management to effectively manage and reduce glitches in manufacturing. I also had the responsibility of providing a master data repository to all business units around the world for process parameters to streamline new product development.

## Data Warehouse Analyst

2005-10 - 2008-03

JP Morgan Chase, Richmond, VA

I was hired as a data warehouse developer for Private Label Technology Services (PLTS) that supported Circuit City private label and co-branded Visa, United Airlines, and Chase co-branded and Health Care Finance portfolios.

During this time I was involved in launching new private label clients in the existing environment, managing offshore employees, Run-Time Engine (RTE) tasks, 24X7 production support, and also tactical and strategical enhancements to the warehouse, infrastructure-related tech refreshes, tuning, and harnessing the warehouse for analytical reporting, designing and deploying data marts, and assisting in the daily flash reports, monthly yield reports and yearly yield reports generation for each portfolio.

My responsibility was to design, develop and maintain sound data warehouse and data integration solutions for PLTS data warehouse that were optimized, scalable and maintainable.

## ETL Developer

2005-03 - 2005-09

First Health, Richmond, VA

I was hired as an ETL developer to perform data integration tasks for eastern region data store creation. My role was to apply sound ETL development techniques and best practices to integrate data from heterogeneous sources.

## ETL Developer

2004-12 - 2005-03

Electric Insurance, Boston, MA

I was hired as an ETL contractor to help develop, test and deploy data extraction, transformation processes required to create a housing data mart.

## Graduate Assistant

2003-08 - 2004-12

South Dakota School of Mines and Technology, Rapid City, SD

Developed data integration and data analysis processes for the management committees as well as other departments to serve their data needs.

EDUCATION

<div><div></div><div>South Dakota School of Mines and Technology, Rapid City, SD, USA</div><div>MS, Electrical and Computer Engineering</div></div>	2003-08 - 2005-05
<div><div></div><div>Jawaharlal Nehru Technological University, Hyderabad, India</div><div>Bachelor of Technology, Electronics and Communications Engineering</div></div>	1999-08 - 2003-05

SKILLS

Machine learning	★★★★★
Distributed Computing	★★★★★
Startup Technology Leadership	★★★★★
Data engineering	★★★★★
Data Science	★★★★★
Cloud computing (AWS)	★★★★★
Data and ML Platform Development	★★★★★
Cost Effective Business Process Automation	★★★★★
Dev-Ops	★★★★★
Outsourcing	★★★★★