# Kiran Kondebolu

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**Professional Profile Summary**

* Has 13 years of total experience in Build and Release/DevOps, Cloud (AWS), Middleware doing various roles.
* Experience in Agile methodology, Gap Analysis, Process Improvement and tools area (Code review, unit test automation, Build & Release automation, Environment, Service, Incident and Change Management).
* Experience in Optimizing the delivery pipeline.
* Experience in Devops plays for Driving Innovation with multi-speed IT, Building the right thing, Experimentation, Antifragile systems.
* Experienced Devops practices, which are geared to provide efficient, repeatable, automated, scalable processes align fully with the ITIL goals.
* Experience engaging and leading the Devops Transformation.
* Prepare the yml files to create the stack for cloud formation.
* Experienced cloud formation designer for CloudFormation templates.
* Experience in Devops services on IAAS, PAAS, Containers.
* Experience in migrating to Microservices.
* Experience in Scaling Devops for the Enterprise.
* Experience in creating a blogging infrastructure fully automated.
* Experience in JIML (json infrastructure markup language)
* Experience in automated deployments using AWS cloudformation and with user data.
* Experience in creating VPC templates and deployed in cloud formation.
* Created security group templates in cloud formation and deployed like for icmp, ssh.
* Experience Xebialabs XL release for release management.
* Experience HA Jenkins setup using PACEMAKER, COROSYNC, and DRBD.
* Extensively worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
* Experience in working on source controller tools like Subversion (SVN) and GIT.
* Experience in Implementing Continuous Delivery pipeline in Dev/Prod with vagrant, Shell, Ansible, Docker, Maven, Jenkins, AWS, Terraform, GIT and Kubernetes, OpenShift, Xebialabs, RDBMS.
* Proficient in AWS services like VPC, EC2, S3, ELB, Autoscaling Groups (ASG), Lambda, EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail, SNS.
* Experience in various business domain: BFSI -8 years (Banking & Finance- 5 years, Health Insurance -3 years), Telecom-2 years, and Manufacturing-1-year, Public sector-2.
* Good knowledge on statistical analysis.
* Involvement of various company initiatives for people, clients, projects, etc.
* Experience in handling projects with multiple technologies viz. Mainframes, Middleware Integration, Client server, and UNIX/Linux.
* Geo experience - UK: 7 years and India: 6 years

**Certifications**

* IBM: B2B Sterling Integrator Solution Implementation v5.2.
* IBM Connect Direct Administration.

**Trainings Undertaken**

* SDLC process, Quality adherence and Estimation by Function Point Analysis
* AGILE, Lean startup, ITIL
* BIG Data: HDFS, Hadoop, Map reduce, Hive, Pig, Flume, Hbase, Kafka, Sqoop, Impala,

Hadoop Admin.

**Educational Qualification**

* **Master of Computer Applications** (**MCA**).
* **B**.sc (Mathematics)

**Technical Skills**

* Operating Systems : Red hat Linux 4/5/6/7, Windows servers 2003, 2008, Windows 7/8/10.
* DevOps/Cloud computing : Ansible, Jenkins, Docker, Kubernetes, AWS, Terraform, Vagrant, Xebialabs XL, SonarQube,

Nagios, CA Monitoring, Open stack, PACEMAKER, COROSYNC, DRBD, ELK Stack, Packer.

* Build/CI Tools : Maven, Hudson/Jenkins, Nexus, Artefactory.
* SCM Tools : SVN, Git.
* Database : Oracle 11g/12g, DB2, Mongo DB.
* Languages : Java, J2ee, C++, Python, BPMN, Groovy.
* IBM Mainframe : COBOL, JCL, CICS, VSAM, MVS, OS390, ISPF/PDF etc.
* EAI/EDI : Gentran Integration Suite (GIS 4.2), SI 5.1, TIBCO BW, Tibco EMS, RV, MQ.
* EDI Standards : ANSI X12 , EDIFACT.
* Protocols : NDM, Connect Direct, FTP, sFTP, SSH.
* Domain Knowledge : Healthcare Insurance, Retail industry, Banking and Commercial finance.
* Servers : Tomcat, Jboss.

*Refer Annexure for project details*

**Annexure**

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| **Santander, UK - Milton Keynes May 2019– till date** |

**Role: Devops Consultant**

Santander is multinational commercial bank and financial services company based in Madrid and Santander in Spain and has its presence in UK and few other countries. Involved in pipeline automation suits to cloud and on premise env,Solving regular issues for 230+ projects on daily basis.

**Responsibilities:**

* Develop and Enhancing pipeline automation suits to cloud and on-premise environment.
* Refactoring ansible scripts.
* Implemented a production ready, load balanced, highly available, **fault tolerant Kubernetes**infrastructure.
* Containerized all the Ticketing related applications – **Spring Boot Java and Node.js**applications using Docker.
* Created dynamic routing/load balancing capability enabling large application scaling, used ingress rules and **Ingress Controllers- Traefik**and **Nginx.**
* Experience managing and troubleshooting environmental issues.
* Built and deployed **CI/CD**pipelines
* Used **CI/CD tools Jenkins, Git/GitLab,**Jira and Docker registry/daemon for configuration management and automation using **Ansible.**
* Created **Containers in Docker.**
* Created views to show health and performance of the infrastructure, containers, and the applications.
* Jenkins backup and job recovery.
* Created CM Plans, Test plans and Build Documentation while maintaining source code.
* Used Artifactory for binary repo.
* Hands on Experience with Bug Tracking Tools like Jira.

**Environment: GitLab, Jenkins, Groovy, Kubernetes, Docker, Openshift, Rundeck, Azure, Docker Jira, Unix/Linux CentOS 7, Nexus v3, Bash Shell Script, Python, Node.js, Kafka, MQ, Apache Tomcat, Cassandra, MongoDB, SQL, Traefik, Nginx.**

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| **Spacebar media, UK - London Feb 2019– April 2019** |

**Role: Devops Consultant**

Spacebar media is online gaming company. Develop and market really awesome games for our customers and have a great time doing it. Involved in creating the environment, support the applications.

**Responsibilities:**

* Creates Kubernetes cluster in Staging, Production environments.
* Refactoring ansible scripts.
* Jenkins QA
* Implement MFA in AWS environments.
* Setup in terms of security and Governance in AWS.
* Experience managing and troubleshooting environmental issues
* Experience in Deploying to and administering in the use of Jboss, Apache Tomcat web server.
* Troubleshooting and stabilizing the various environments - build, deploy and environment issues.
* Worked on Version control systems like Subversion, GIT.
* Implemented Continuous Integration process using Jenkins and developed pipelines.
* Jenkins backup and recovery.
* Created CM Plans, Test plans and Build Documentation while maintaining source code.
* Used Artifactory for binary repo.
* Hands on Experience with Bug Tracking Tools like Jira.

**Environment:** Terraform, Kubernetes, Dockers, Ansible, Jenkins, Artefactory, AWS, JIRA, Git, Python, Packer.

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| **Scottish Govt Office, UK - Edinburgh Nov 2017–Sept 2018** |

**Role: Devops Consultant**

ARE pays grants and subsidies in accordance with the European union common agricultural policy. The directorate is responsible for the implementation and delivery of the grants, subsidies and other government and European union policies to support Scotland’s economic growth and especially the rural economy.

**Responsibilities:**

* Setup the environments for DEV, PPE, PROD environments.
* Experience documenting existing environment and configuration setup
* Experience managing and troubleshooting environmental issues
* Experience in Deploying to and administering in the use of Jboss, Apache Tomcat web server.
* Created scripts and SQL stored procedures for nightly batch job streams, data loads and corporate reporting.
* Troubleshooting and stabilizing the various environments - build, deploy and environment issues.
* Worked on Version control systems like Subversion, GIT.
* Implemented Continuous Integration process using Jenkins and developed pipelines.
* Jenkins backup and recovery.
* Created CM Plans, Test plans and Build Documentation while maintaining source code.
* Used Artifactory for package repo.
* Hands on Experience with Bug Tracking Tools like Jira.
* Ability to interrogate log files and database to determine the cause of Environment issues.
* End to end experience of the Software Development Lifecycle in a structured environment
* Experience in hands-on deployment of releases and changes to large systems
* Experience of Change Management, raising Change Requests
* Experience of creating Implementation Plans/Run books
* Managed risks and resolves issues that affect release scope, schedule and quality
* Measured and monitored progress to ensure application releases are delivered on time and within budget, and that they meet or exceed expectations
* Coordinate release content and effort based on the service request backlog, pending service requests, third party applications, or operating system updates
* Communicated all key project plans, commitments, and changes including requirements, QA/UAT plans, schedule, and scope changes
* Managed relationships and coordinate work between different teams at different locations

**Environment:** JBOSS JON, JBOSS Fuse, JBOSS EAP, Ansible, Jenkins, Artefactory, Shell Scripting, JIRA, Python, Agile / Scrum, Oracle, XML, GIT, Tomcat, Java , Pentaho.

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| **Tesco Bank, UK – Edinburgh June 2012–May 2017** |

**Role: Devops Technical specialist**

DevOps/SCM Services for Tesco Bank provides Configuration Management Toolsets, Processes, Continuous Integration, Continuous Delivery Framework and Governance to the all the projects and asset teams in Bank. DevOps/SCM Team capabilities are accessed throughout the Tesco Bank and are the single point of contact for the whole Tesco Bank for any SCM Solution, processes and agile related services.

**Responsibilities:**

* Adept in Infrastructure on Demand tools: Puppet, Ansible.
* Enable Continuous Integration, Continuous Delivery and Infrastructure-as-code methodologies in Tesco Bank and support Jenkins, Artifactory and other infrastructure toolsets.
* Prepare and provide SCM Framework, Charter, Processes and policies throughout Tesco Bank enterprise and ensure its adherence throughout Tesco Bank.
* Understand and provide technical DevOps architecture solutions to complex systems in Tesco Bank.
* Establish processes and tools to implement continuous integration and delivery capabilities across products and delivery teams.
* Enablement of Infrastructure and cloud services using AWS (Amazon Web Services) and VMware
* Ability to perform various operations on ASW platform, products and services.
* Extensive AWS experience in AWS across multiple modules including computation EC2, storage S3, networking, code and build/deploy pipelines, cloud resources, security and identity systems.
* Experienced with firewalls, network configurations, security key setups across wide range of Linux and related systems
* Proficient in container technology using ``Docker'' to enable system runs across a wide variety of platforms.
* Establish Configuration Management Audit framework, Governance framework and risk mitigation on an enterprise level in Tesco Bank.
* Design and communicate continuous integration and delivery strategies to developers and stakeholders across all levels of management
* Establish and configuring Nagios infrastructure monitoring tool.
* Administration of Atlassian JIRA, Git/GitHub, Jenkins, Nexus, AWS.
* Knowledgeable on technical setup of web application load balancing, LDAP identity management.
* Provide Build and Deployment management solutions to multiple test environments and production
* Work with development teams to understand their requirements and implement CI/CD DevOps capability in team.
* Thorough understanding of agile software development methodologies, values and procedures.
* Provide extensive CI/CD training to Asset teams on the DevOps toolsets including Git, Jenkins, Nexus, Jira and agile processes.
* Experience using SonaQube to measure quality metrics for Java applications.
* Understand complex business requirements and provide technical solutions to them at various levels.
* Support and Improvise Continuous Integration and Continuous delivery solutions
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
* Experience converting existing AWS infrastructure to Server-less architecture (AWS Lambda) deployed

via **CloudFormation**

* Experience Create the environment for Docker migration.
* Experience deployed and orchestrated the applications with Kubernetes masters on HA.
* Prepared customer cluster in Kubernetes.
* Experience configuring auto rollback.
* Experience Configure Cluster autoscaling in Kubernetes.
* Experience configuring memory, API resources, CPU.
* Experience using Docker and Kubernetes for the runtime environment of the CI/CD system to build, test and deploy.
* Monitoring Kubernetes.

**Environment:** Technical Environment - Git, GitHub, Atlassian JIRA, Jenkins, Puppet, Nexus, Perl, Eclipse, Unix (Linux), WebSphere, AWS, Maven, Apache, Tomcat, Ansible, Docker, Kubernates, AWS ECS, CI/CD, shell/bash scripts, PowerShell, Nagios, Python, Java, Yum, SSH, Elastic Search, Terraform, Cloud formation, EBS, Amazon Cloud Ec2, AWS Route53, AWS S3 AWS Lambda,Open stack, Cloud Front, , RDS, VPC, Direct Connect, Cloud Watch, Cloud Trail,SonalQube, Middleware - IBM CD,IBM Sterling Integrator, Tibco.

**Team size:** ~8

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| **NS& I March 2011 –November 2011** |

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| **National savings processing system March 2011–November 2011** |

**Role: Middleware Engineer**

This new development project is about implementation of HIPAA Transactions (270/271, 277/277& 278) using HIPAA Gateway and associated tools and technologies from TriZetto. This application will be used by different Trading Partners who through the clearinghouses will exchange transactions with PHS FACETS application.

**Responsibilities:**

* Develop the proposal, SOW + solution and initiate the project for PHP.
* Perform Requirements gathering; develop detailed design for the new 5010 transactions.
* Define deliverables, resource requirements, manage their development and delivery.
* Responsible for development and management of budgets, project scope, risk, communications, quality and recruitment.
* Manage relationships with third-parties (EMDEON, Health Help, and Passport) to coordinate 5010 testing with them.

**Environment:** Pervasive Business Integrator, HIPAA Gateway, Facets, Oracle, .Net, Test Director, PHS internal tools, FTP Server, FACETS virtual server, ISL (FXI) web services.

**Team size:** 4

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| **ITC Infotech, UKJun 2010 - March 2011** |

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| **Client :Santander, UK** |

**Role: Middleware Consultant**

Merchants submit their Billing files to Santander for authorisation in different of ways, prominently electronically via secure FTP.

**Responsibilities:**

* Apply consultative approach in understanding customer requirements for the scope of implementation; provide necessary documentation for the solution Implementation; and, carry out successful implementation utilizing effective project management techniques and quality compliance.
* Work closely with external customer project teams, internal implementation teams, core development, validation, quality assurance, operations and customer care to provide Root Cause Analysis and fixes for defects found during all testing phases (e.g., UAT) and production deployment.
* Perform training and knowledge transfer to the support organization for new client implementations.
* Initiated automation using shell scripts for loading trading partner information into the tables during the setup, SFT configuration, SSO setup etc

**Environment:** GIS 4.1, SI 5.0, Map Editor, C:E, C:D, Redhat Linux, IBM AIX, Mainframes, Mercury Quality Center, Santander internal tools, Microsoft Project Plan

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| **Capgemini - EDI Technologies (Bangalore, India) Aug 2008- Apr 2010** |

**Role: Senior Consultant**

Capgemini has an established Center of Excellence (CoE) for EDI technologies to assimilate and promote best practices, knowledge, and pragmatic leading-edge solutions in the area of B2B integration.

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| **Client :Danske Bank - EDI System Management (Aarhus, Denmark) March 2009 - April 2010** |

The main purpose of this project is to provide smooth EDIFACT file transfers between Trading partners and Danske Bank. Multiple formats of data are allowed by the system and customers can choose a variety of communication of tools / protocols for transmission.

**Responsibilities:**

* Worked on ITIL based approach including Incident, Problem, and Release management.
* Estimated the effort for the enhancements and participated in formulation of solutions that are inline in with existing architecture and organization’s IT strategy
* Important EDIFACT maps: **PAYMUL, DEBMUL, BANSTA, CREMUL, FINSTA, DIRDEB(D.96A)**
* Important non-EDIFACT maps: **MT940, MT942, BGC, LM02, LM03**
* Involve in testing for EDI-LINKI project to link EDI transactions from Finland
* Creation of **EDI cook book** with the knowledge of important transactions, lessons learnt, and best practices.
* Develop automation wherever possible and incorporated best practices.
* Contribute to EDI work in Health care projects in terms of research, solutions, case studies, etc.
* Introduce rigor and discipline across B2B initiatives and provide benefits by building competency.
* Provide guidance on technical standards, best practices, and review.
* Active involvement in selecting technology standards, evaluating and selecting tools, development, testing, implementation, reuse, quality control, and security aspects
* Leverage the right departments, people, technology, standards, and practices to gain visibility
* Organize learning- and knowledge accumulation-related activities

**Environment:** Gentran Basic 6.3, CICS, PL/I, WebSphere MQ, DB2, Quality Centre, Danske Bank Internal tools, Peregrine service Center.

**Team size:** 6

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| **Client :Kroger EDI East Tech (Cincinnati, OH, USA) Aug2008 - March 2009** |

**Role: Senior Consultant**

Trading partner management, mapping, translation, functional acknowledgement reconciliation, and monitoring of the daily activities.

**Responsibilities:**

* Project management activities, helping team with technical solutions, project meetings
* Provide 24x7 production on-call support from offshore. Provide RCA and Problem management.
* Manage partner profiles, application and transaction maps (Mapper) and **Databank activities**
* Important maps maintained (generic maps): **850/875, 810/880, 856, 824**. Also maintained any changes to Implementation Guides of these maps and publishing them to http://edi.kroger.com
* Prepare application and technical documentation

**Achievements**

* REXX tool to generate report of malfunctioning Mailboxes in Connect Enterprise.
* REXX tool to generate report of failed transfers in Connect Direct.
* Received awards like Kroger Wall of Fame, Pat on the back $100 rewards (2 times)

**Environment:** Gentran Basic 6.3, PL/I, JCL, VSAM, REXX, Changeman, File-Aid, JESM, SAR, Connect Enterprise, Connect Direct, Zeke, DB2 and EDIFECS Specbuilder

**Team size:** 6

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| **Mphasis India Ltd, Bangalore March 2007 - July 2008** |

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| **Client :Blue Cross Ca - EDI Maintenance and Production Support** |

**Role: Developer/ EDI Specialist**

**Responsibilities:**

* Automate a good number of time-consuming tasks C++, REXX Macros
* Analyse EDI data (related to BlueEx, WGS, Dental and other systems) for processing by Gentran and testing
* Reformat NSF, UB92 claims into ANSI X12 Format - maintained programs for these activities
* Provide 7x16 production support involving quick fixes and root cause analysis
* Oversee the Quality procedures related to the project

**Environment:** Gentran Basic, COBOL, JCL, VSAM, Change man, File-Aid, Xpeditor, DB2, MVS ESA, REXX, IBM OS 390 9000

**Team size:** 8

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| **Covansys part of CSC India Ltd, Bangalore Oct 2004 -April 2007** |

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| **Client :Fidelity Information services** |

The ESP is intended to be an internet portal that allows Edwards and its suppliers to share information pertaining to the overall inventory situation of both parties.

**Role: Support**

**Responsibilities:**

* Understanding the architecture of the Deposits application.
* Involved in understanding the requirements specifications.
* Provide 24x7 production on-call supports from offshore.
* Handle major and minor enhancements.
* Managed source code in version control tool changeman.
* Preparation of test scripts, test plan and QA support.

**Environment:** COBOL, JCL, CICS,VSAM, ISPF, File-Aid, Xpeditor,Fidelity internal tools.

**Team size:** 8