

RAVINDRA KUMAR REDDY DONAPATI

Lead Consultant

[Git Profile](#)

ravi.swarchitect@gmail.com

+91 9440630496

OBJECTIVE

Seeking a position in a challenging environment, where I can apply my existing technical and problem solving skills in creating solutions that help businesses to deliver high value products.

SUMMARY

Ravindra has 14 years of experience in product development for large multinational organizations. Proficiency in Java, Spring, SQL, JavaScript and React JS, Quick learner with proactive attitude; Works under minimal supervision, Individual contributor and Technology leader.

DOMAIN KNOWLEDGE:

PAYMENTS BANKING , LENDING (AUTO LOANS and BUSINESS LOANS), ADVERTISEMENT, HEALTH

CERTIFICATIONS

- AWS Certified Solutions Architect.
- Microsoft Certified: Azure Administrator Associate.
- Microsoft Certified: Azure Network Engineer.
- Oracle Certified Professional Java Programmer.

TECHNICAL SKILLS

Languages	Kotlin, Java 8/11, GoLang, , Java Script, Python and SQL
Frameworks	Spring, Spring Boot, Hibernate,ReactJS,VueJS
Dev Ops	Go CD, Docker, Kubernetes.AKS
Databases	MYSQL/Oracle
Tools	GitHub, Ansible, GoCD(pipelines), Azure DevOps
Operating Systems	LINUX,OSX
Cloud	Azure, Amazon Web Services
Others	Redis, Kafka, ElasticSearch,Camunda BPM

EXPERIENCE:

Employer: Thoughtworks Technologies Pvt Ltd. [Sep 2022 to Present]

Role: Account Tech lead

Product: Internal Developer Platform

About: Implemented Internal developer platform that can act as a single pane of glass by providing a dashboard with information related to compliance, observability, security, and the finops posture of the product team.

Tech Stack : GraphQL, Next.js, typescript, NodeJs, Azure, Github Actions.

Employer: Thoughtworks Technologies Pvt Ltd. [Sep 2022 to Present]

Role: Account lead

Product: Loan application for MSME

About: This project is about building a Web application for a lending bank to help msme customers with loan application onboarding.

Responsibilities:- Delivery, Architecture Improvements,

Tech Stack : Azure, Devops, Kotlin, Functional Programming, Typescript, Docker, K8s, Camunda BPM tool

Impact Created :

- Improve the Architecture to create an onboarding platform to support multiple products.
- Test Strategy to incorporate automation to reduce feedback cycles and release times.
- Dev-ops pipeline enhancements from branch based deployment to trunk based approach with full automation reduce the path to production time significantly.
- Migrated from custom tools Loki, Grafana to Azure Application Insights
- Integrated with marketing partner to the current product , with SSO, enabling the platform to support multiple partners smoothly
- Designed and implemented integration layer between credit system and CRM systems for ease of process and reducing manual effort by Using Azure functions, Service bus etc.

Employer: Thoughtworks Technologies Pvt Ltd. [May 2022 to Sep 2022]

Role: Infra lead

Product: Multicloud deployment for Indian Private Bank – Loan features

Tech Stack : GCP, GKE, AWS EKS, Istio, Prometheus, Grafana, K8s, **Responsibilities:-** Analysis of deploying applications on AWS and extending to GCP.

Impact Created:

- a) Upgrading EKS to be with the latest version of k8s.
- b) **Deployed stateless services across AWS and GCP.**
- c) **Evaluation of Stateful services like Kafka to support multi cloud.**

Employer: Thoughtworks Technologies Pvt Ltd. [April 2020 to April 2022]

Role: Tech lead

Product: Payments Application for Indian private Bank (Web and Mobile)

About: This project is about building Web and Mobile applications for a bank. We have created Payments features to do fund transfer using railroads(IFT,NEFT,RTGS,IMPS,UPI) , Bill Payments and Payments for Business

Responsibilities:-

Delivery and Team

- This product is built from scratch and has contributed in Architecture design and Development from inception of the product to releasing it to customers.

- Lead the team in Quality delivery with agile ways of working from understanding requirements to breaking them to stories , Estimations, to partnering with Business Analysts in helping them grooming the stories.
- Created high performance teams with continuous improvements with regular feedback cycles and brainstorming on 1% improvements that can be adopted
- Mentored and Groomed second level leaderships.
- High collaboration with other teams to provide solutions for features that are cross cutting across projects.
- Constant focus on quality with team code review sessions, knowledge sharing sessions and group discussions on tech topics.

Tech and DevOps

- Helped in setup up of deployment process to achieve Continuous Delivery using Kubernetes,Docker, [GO CD](#)
- Tech Design and Tech Analysis for all the payments related features from single transfer or Scheduled Transfers like IMPS,NEFT,RTGS ,UPI,
- Tech Design and Tech Analysis for Repeat Transactions and Search based payments.
- Tech Design and Tech Analysis for Beneficiary management system for managing payees.
- Tech Design and Tech Analysis Bill Payments, AutoPayments of Bills,Reversals and integrating to Billdesk. End to End Architecture design from UI components to REST API design,
- Domain driven design of micro services.
- Have implemented Event Driven Design for communication between a few of the services using Kafka
- Have implemented Payee's search using elastic search with live sync from oracle db to elastic search.
- Implemented Monitoring and Observability using tools like Jaeger and Prometheus
- Post release support for bugs/customer requests and provided solutions for quick turnaround and deployed fixes to prod.
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Employer: Thoughtworks Technologies Pvt Ltd. [April 2018 to April 2019]

Product: AutoMobile Loans in 30 Minutes.

About: This project is about Automating of Pre-Approved Automobiles loans within 30 mins.

Role: Individual Contributor and Tech lead

Responsibilities:-

- This product is built from scratch and Have contributed in Architecture design and Development for product till Release of product.
- Used major features of Amazon Web Services like EC2,S3,RDS,CloudWatch,CloudFront (cdn), R53 etc.
- Have implemented owasp zap for detection of Security vulnerability treats.
- Have implemented Docker-compose for microservices life cycle management.
- Implemented serverless AWS Lambda with SQS for communicating to legacy systems.
- Have designed and developed product features end to end(Database schema design, Backend Development , and Fronted developments.
- We are using Extreme Programming practices like (Pari Programming, Pair Rotation, Feedback, Retrospectives, Iteration Planning Meetings, Dev box testing)
- Strictly followed approach of Test Driven Development.
- Technical Analysis and Solutioning for preparation of Spring Backlog.
- Participation in product architecture calls and Product road map.
- Lead a team of 5 people.
- Worked with distributed teams working across different time zones.

- Upskilling and Mentoring of team members.

Technologies Used:

Backend: Java 8, Kotlin, Spring Boot, Hibernate, Junit, Spek framework.

Buildtool: Gradle

Frontend: Vuejs, NodeJs, Yarn, JavaScript,

Deployment: GoCD Pipelines, GitLab (Self Hosted)

Cloud: Amazon Web Services(AWS) {S3, EC2, RDS, Lambda, SQS, CloudWatch etc}

Databases: AWS RDS Aurora

Monitoring: Datadog

Containers: Docker, Docker Compose, **Amazon** Elastic Container Registry

Communication: Slack

Employer: Thoughtworks Technologies Pvt Ltd. [June-2016 to March 2018]

Product: Bahmni.org

About: Bahmni is an easy-to-use EMR & hospital system. It combines and enhances existing open source products into a single solution.

Role: Individual Contributor and Tech lead

Responsibilities:-

- Have designed and developed product features end to end(Database schema design, Backend Development , and Fronted developments.
- We are using Extreme Programming practices like (Pari Programming, Pair Rotation, Feedback, Retrospectives, Iteration Planning Meetings, Dev box testing)
- Strictly followed approach of Test Driven Development.
- Technical Analysis and Solutioning for preparation of Spring Backlog.
- Participation in product architecture calls and Product road maps.
- Lead a team of 5-10 people.
- Worked with distributed teams.
- Subject Matter Expert for Bhamni.
- Upskilling and Mentoring of team members.

Technologies Used:

Backend: Java 8, Spring Boot, Hibernate, Junit.

Buildtool: Gradle and Maven

Frontend: Angular JS, JavaScript,

Deployment: GoCD Pipelines, Ansible

Cloud: Amazon Web Services(AWS),

Databases: Mysql and Postgres.

Employer: Pramati Technologies Pvt Ltd.[Jan-2013 to June-2016]

Client: AOL Adap.tv

About: Adap.tv is a technology platform for serving Advertisements online.

It has huge market place with well know publishers and advertisers. Adap.tv process 4.3 billion video ads* per month and more than 38,000 campaigns annually

Role: Individual Contributor, Design and Development of features end to end.

My job is to develop the platform for support of creation/setup of advertisements and publisher sites in order to participate in Marketplace for ad serving.

I was involved in the development of many key product functionalities which are challenging like “advertiser/brand” level support in the platform and Conversions(the measure used to find the number of effective sales from an advertisement).

I was also part of the Datawarehouse team which handles data growth @ TB/month.

Technologies Used: Java 6, Spring, Hibernate, Python, AWS(S3,EC2 and Redshift), Mysql DB.

Employer: Sapient Consulting Ltd. [March 2010 to Dec 2012]

Project: Global Equities & Derivatives - Integration Framework (IF) adoption.

Duration: Sep-2011 to Dec -2012

Client: UBS

Description: There are more than 10,000 business data feeds delivered to 8 consuming control systems. These control systems convert delivered feeds into UBS specific communication protocol format and then feed into their systems. Integration Framework (IF) replaces file delivery mechanism by acting as an interface between data producer and consumer. Integration Framework (IF) takes in the feeds; converts them into lingua format (UBS communication protocol); delivers feeds to the consuming control system and finally sends status messages to the delivery report. IF thus eliminates the redundant data generation and delivery. Also eliminates repeated conversion computation of the same data at the control system end. IF does data validation and post processing of feeds. Presently IF has 5 servers set up globally (Sydney, Tokyo, Hong Kong, London and Stanford).

Roles: Design and Development

Responsibilities:

Have refactored major portions of existing code to improve performance of application by 25%.

Designed and Implemented end to end data conversion mechanism for two consumers (Market risk controller and Business Unit Controller)

Provided L2 support for application and met service level agreements of application.

Have configured file based IF templates in the database using hibernate.

Awarded with a certificate recognizing my creativity at Sapient-UBS account level.

Technologies Used: JAVA 6, Perl, Spring (core & MVC), Hibernate, Ant, TIBCO Rendezvous Messaging and Oracle 10g.

Project: Global Equities & Derivatives –Risk Data Producer.

Duration: March-2010 to August 2011

Client: UBS

Description: Risk Data Producer (RDP) is an interface for risk data consumers like many controlling systems and trades within UBS. RDP takes up requests from consumers in a systematic format, then invokes underlying computation engines to generate risk data and post process generated data before delivering to users. RDP has more than 4000 Autosys jobs set up globally, where most of them run on a daily basis.

Roles: Designer & Developer.

Responsibilities:

I have designed and developed a web application called Batch File Service, to provide consumers with easy access to data. As part of Batch File Service I have implemented security to restrict access of data to permitted user groups/users. Implemented UI, with auto search and dynamic download features.

I have designed and developed a rollback service to an existing web application of RDP. It provides consumers to rollback to a particular version of job configurations from history.

I have implemented scripts to fetch historical data of Dividends, Volatility and Market Data from databases used.

Technologies Used: JAVA 6, PERL, spring (core & MVC), jQuery, Oracle 10g, Tomcat and Hibernate

EDUCATION

Dhirubai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat.

B.Tech, Information and Communication Technology, (2009) -73.2%

Bharateeya junior college, Vijayawada, Andhra Pradesh

Board of Intermediate Examination (2005) - 93.8 %

Jawahar Navodaya Vidyalaya, MahaboobNagar, Andhra Pradesh.

Central Board of Secondary Education (2003)-84%

ACHIVEMENTS

Awarded with a certificate against core value: CREATIVITY at Sapient.

Have been promoted from Associate Level 1 to Associate level 2 at Sapient.

Elected member of Hostel Management Committee at college level.

Have secured Notational Cadet Corps certificate A.

All India Rank of 179 in engineering entrance test AIEEE.