

Rajat Nair

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SUMMARY

Over 14 years of experience in various roles as a web and cloud architect, full-stack developer, scrum master of co-sourced teams and agile practitioner.

Key skills:

- 7 years of experience in technical leadership role that involves interacting with stakeholders for requirements, planning, estimation, design, development, reviews, automation, implementing best practices and security audits
- Involved in end-to-end delivery of enterprise software products, architectural research, software design and agile team management of co-sourced teams
- Mentoring junior developers
- Strong oral and written communication
- Meticulous, results-driven and analytical with an insatiable appetite to learn new technologies

ROLES

Web Architect

DATA PROTECTOR - *Backup and disaster recovery solution for large, complex, and heterogeneous IT environments*

- Designed, architected and led the team that implemented the new Web UI which coexisted with existing MFC UI
- Interacted with stakeholders to gather requirements, update progress and conduct demos
- Developed the UI dashboard, backup scheduler, telemetry and reporting components. Developed plugin for virtual environments using VMware SDKs.
- Developed white-labeled REST API documentation UI based on OpenAPI specification
- Created seed projects, development and best practices guides
- Instrumental in driving UI automation
- Migration of AngularJS to Angular
- Integration of UI builds with continuous integration (CI) build farms
- Implemented continuous inspection for code quality and security

Cloud Architect

COMMON APPLICATION FRAMEWORK (CAF) – *Massively scalable and highly available collection of microservices*

- SaaS based microservices for Identity, Storage, Analytics, Auditing, Telemetry, and Data Processing
- Played the role of an architect, SAFe® scrum master and developer on CAF Telemetry
- Designed and implemented Docker container strategy for CAF
- Researched and defined continuous integration (CI) and continuous delivery (CD) methodologies with Docker, Maven, Jenkins and Artifactory
- Instrumental in choosing Java framework for CAF Telemetry and Identity manager for CAF IDM
- Integrated Liquibase to managing and applying database schema changes
- Completed production setup and deployment of highly available cluster of CAF Telemetry on AWS using Apache Mesos and Marathon

Portfolio

<https://www.aunlead.com>

Blog

<https://blog.aunlead.com>

Github

<https://github.com/rajatnair>

LinkedIn

<https://in.linkedin.com/in/nairrajat>

SKILLS

Frameworks / Libraries

Angular 2/5/8/9, AngularJS 1.3, ReactJS, NodeJS, NX, Docker, Apache Mesos, Marathon, Dropwizard, Swagger, Asp.net MVC, Microsoft .Net 1.1/2.0/3.5, LESS, Gatsby, Liquibase, Gauge, Taiko

Languages

JavaScript, TypeScript, Java, C#, VB.net, Asp, HTML5, CSS, SQL, Bash/Batch scripting, VB 6.0

Middleware

Keycloak, Apache Kafka, RabbitMQ, HAProxy, Traefik

Data Repository

PostgreSQL, Elasticsearch, CouchDB, MySQL, Microsoft SQL Server 2000/2005/2012, Sybase, Microsoft Access

Integration

Ansible, Puppet, Jenkins, Grunt, Webpack, Maven, Ant, Git, Quickbuild, SVN

IaaS

Amazon Web Services, Microsoft Azure, DigitalOcean, Scaleway

SAFe® Scrum Master

DATA PROTECTOR: INTEGRATED REPORTING – *To monitor and perform predictive analysis of backup environments*

- Led a project team of internal and outsourced partners to develop subsystem
- Coordinated with various stakeholders like product owners, product managers, release train engineers (RTE), legal and outsourced development partners
- Monitored release milestones using various metrics and took corrective actions as needed
- Was an integral part of design and architecture discussions along with sub-system development and QA code reviews
- Provided team with guidance on various technical issues and challenges

Full-Stack Developer

CONNECTED MX (CMX) – *Enterprise endpoint protection*

- Integral part of team which chose AngularJS as Web framework in 2013
- Integrated Typescript with AngularJS
- Developed the file browse, policy management, asset sharing and restore components
- Developed REST APIs based on OpenAPI standards
- PostgreSQL was used as a data repository
- Orchestrated infrastructure management and deployment using Puppet

CONNECTED REPORTING SERVICES – *Consolidated reporting platform for Connected Backup*

- Developed web console and REST APIs using Asp.net Razor and Asp.net MVC3
- Implemented single sign-on (SSO) support on web console to view and subscribe to reports
- Facilitated integration of SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS) into the application
- Customized SQL Server Reporting Services to display live previews of reports and to create report templates using RDLs

CONNECTED CLASSIFY AND CONNECT – *Simplifying the collection of endpoint data for eDiscovery*

- Developed the UI on ExtJS
- Backend was developed on Microsoft .Net 3.5 using Windows Communication Foundation (WCF) and Windows Workflow Foundation
- Utilized SQL Server Express and Apache CouchDB as data repositories

SERVICE PROVIDER PORTAL – *Centralized portal for service providers of AXA Gulf to access different applications and services*

- Used nascent JQuery library (2007) to implement Ajax based Web UI on .Net framework to enable insurance providers from different hospitals across AXA Gulf to support card-based authentication process to various policy holders
- Implemented user management system to provide a single sign-on (SSO) based, consolidated administrative interface to manage all users, entities, and master data

EXPERIENCE

Microfocus

(Formerly Hewlett Packard Enterprise)

Senior Specialist

October 2010 – Present

AXA

Senior Software Engineer

July 2007 - October 2010

Iqura Technologies

Software Engineer

September 2005 - July 2007

EDUCATION

H.K.B.K College of Engineering, Bangalore

B.E Computer Science (V.T.U)

January 2005

Baldwin's Methodist College, Bangalore

PUC

January 2001

Frank Anthony Public School, Bangalore

ICSE

January 1999

PATENT APPLICATIONS

[WO2017127124A1](#) – Method and System to Intelligently Retrieve Data on Endpoint Devices