



# ARITRA NAG

MULTI CLOUD ARCHITECT  
FULL STACK SOFTWARE ENGINEER



## CAREER OBJECTIVE

To leverage my skills and expertise to design and develop reliable software applications that will maximize the company's strengths and minimize risks and threats.

## TECHNOLOGY STACK

- Hybrid Cloud Based System Designs and Solutions.
- Server less solutions with Python
- Micro Services with Spring Boot
- Core Java with J2EE, Spring & jQuery
- MEAN Stack
- (MongoDB, AngularJS, Node)

## EDUCATION

### GRADUATION

B.Tech in Biotechnology

HERITAGE INSTITUTE OF TECHNOLOGY

## EXPERIENCE SUMMARY

- Innovation-driven professional with an experience of over 10 years in **Nordcloud**, **Cellink**, **Ericsson**, **Deloitte USI Consulting**, **Infosys**, and **Tata Consultancy Services**.

## PROFESSIONAL EXPERIENCE

### NordCloud, Multi Cloud Architect

GOTHENBURG, SWEDEN | FEB 2021 - PRESENT

Working as an AWS Cloud Architect in multiple projects and responsibilities include creating landing zones for migrations of small scale and long running work loads. Designing applications to run in cloud and enabling CD - CI using different tools like Jenkins , Code Commit and Github workflows. Involved in advisory works in cloud computing technologies to empower customers onboarding their business values into cloud.

### Cellink, Cloud Architect

GOTHENBURG, SWEDEN | MAY 2019 - FEB 2021

Developed a user-friendly and insightful system reinvent microscopy.

- Responsible for migration of on-prem solutions to Cloud and setting up CI - CD in Azure Devops and AWS Code pipeline
- Preparation of Landing zones for different data lake and creating dashboards using Graphana , Loki and AWS Services.
- Involved in creating the backend solutions of multiple Health care instruments like 3D Bio Printers and Next Gen microscopies.

#### Technology involved :

- Backend Micro services : Python , Java , JS Infrastructure : Docker , ECS , Kubernetes
  - AWS Components : Lambda , S3 , Code Pipeline, RDS
  - Others : Jenkins , Azure Devops
  - Responsible for creating the backend of One stop shop for all biotechnology related products and maintaining the application with setting up the CI/CD of the portal
- #### Technology involved :
- React, Node.js, Serverless, HTML5/CSS3, Software Architecture, SQL, AWS Codepipeline, Cloudformation, Research and Development, Elasticsearch - ELK Stack

## TECHNICAL SKILLS

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- **Programming Language:**

Java, Python, Angular JS

- **Database Connectivity:**

JDBC, Hibernate, iBatis, MongoDB

Template PeopleSoft Tools

- **Frameworks:**

JSF(2.0), Spring(3.x), Spring Boot

- **Web and App Server:**

JBOSS 5 & 7 application server,

Apache Tomcat server, Weblogic

Server

- **Data representation languages:**

Xml, JSON

- **NoSQL DB:**

MongoDB, DynamoDB

- **Cloud Computing Capabilities:**

AWS, Azure , GCP

## CERTIFICATIONS

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- Amazon Certified Professional Solutions Architect
- Amazon Certified Professional DevOps Engineer
- Amazon Certified Advanced Networking Speciality
- Amazon Certified Database Speciality
- Amazon Certified Security Speciality
- Amazon Certified Data Analytics Speciality
- Amazon Certified Machine Learning Speciality
- Google Certified Professional Cloud Architect
- Google Certified Associate Cloud Engineer
- Oracle Cloud Certified Solution Architect

## CONTACT

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### Erisson , Consultant

GOTHENBURG, SWEDEN | AUG 2018 - MAY 2019

Responsibilities included creating micro services and deploying them in Kubernetes as dockerised container.

Technologies involved :

- Backend Micro services : Java , React , Bash
- Framework : Spring Boot , Java cryptography libraries , JWT
- Others : Jenkins , Azure AD

### Deloitte USI Consulting, Specialist Senior

HYDERABAD, INDIA | OCT 2016 - AUG 2018

Led the **AWS cloud portfolio** in Hyderabad and worked on multiple solutions involving cloud services and external APIs. Developed micro services using Spring Boot and deployed the same using eureka and hystrix.

- Involved in the migration project of VMWare to shift into public cloud from private cloud.

Technologies involved :

- Backend Micro services : Java , JS
- Framework : Spring Boot , JWT , Angular JS
- Infrastructure : Docker , ECS , ECR
- Others : Jenkins , Bamboo

### TATA Consultancy Services, IT Analyst

HYDERABAD, INDIA | OCT 2014 - SEP 2016

Worked on a **cloud based talent management** solution which offers comprehensive talent management functionality focused on driving next generation employee experience with a comprehensive coverage of internal, external and social touch points, intuitive user interface and self-service enablement.

- Involved in the Org module and People management module of the solution which included requirements gathering and implementing in the SAAS portal.

Technologies involved :

- Backend Micro services : Java , Python
- Framework : Spring Boot , JWT Infrastructure : Docker
- Others : Jenkins

### Infosys, Senior Systems Engineer

BHUBANESWAR, INDIA | JUNE 2011 - SEP 2014

Worked on a retail solution for **Apple Hardware Store Solutions**.

Involved in the design and implementation phase of Sales, Billing Exception, and Approval Routes of the Solution.

- Involved in the designing Sales Exception Route of the Portal and responsibilities included gathering requirements and implementing the solutions in Agile methodology.

Technologies involved :

- Backend Micro services : Java , Python
- Framework : Spring , JSF
- Infrastructure : Web logic and Tomcat server
- Others : Jenkins

## EXTRACURRICULAR

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- Worked as an organizer and volunteer in a DC level competition at Infosys.
- Core Member of 'Akansha' (Charity Group - CSR activity of Infosys).