



# ABHIJEET UPADHYAY

## SOFTWARE ENGINEER



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7.5 Yrs Experience | BITS Pilani | Masters | Java | AWS certified  
Solutions Architect – Associate

## EDUCATION

### Masters in Engineering (Computer Science)

**BITS Pilani**  
2019 – 2021

### B. Tech (Computer Science)

**ABES Engineering College**  
2011 – 2015

## SKILLS

- JAVA
- SPRING BOOT
- MICRONAUT
- SQL DATABASE
- POSTGRESQL
- DOCKER
- KUBERNETES
- MICROSERVICES  
ARCHITECTURE
- AWS SERVICES(S3,  
ELASTIC SEARCH, API  
GATEWAY, EC2)

## CERTIFICATES

- AWS certified Solutions  
Architect – Associate
- DB0201EN: SQL for Data  
Science by IBM
- Version Control with Git  
by Atlassian

## WORK EXPERIENCE

### Publicis Sapient, Noida

10/2023 – Present

Senior Associate Platform L2

- Working with a UK based Banking client on setting up the microservices for Permissions Management related application
- Setup the Data store from scratch and working on microservices deployed on Azure cloud
- Provided Technical Architecture and Solution Design for various client requirements
- Technology: Spring Boot, Java 17, Hibernate ORM, Kubernetes, PostgreSQL

### Pegasystems, Hyderabad

07/2021 – 10/2023

Software Engineer

- Built microservices for Pega Platform in the domain of data and integrations
- Worked on both Monolithic and Microservices architecture in a scaled agile framework methodology
- Technology : Micronaut framework, Java 11, Docker, Kubernetes, Microservices architecture

### Kickdrum Technologies India Pvt Ltd, Bangalore01/2021 – 07/2021

Software Development Intern

- Built high impact search engine for corpus of docs present on drive, which improves efficiency of technical assessment writers by atleast 40%
- Worked with ElasticSearch, ReactJS, AWS to build end to end solution for projects with scalability

### Infosys India Pvt Ltd, Pune

06/2018 – 08/2019

Associate Consultant

- Interacted with various Business team members to gather the requirements and prepare HLS (High Level Solution) and TDD(Technical Design Document)
- Researched on various new requirements and prepare a POC to show demo to the technical team of Client
- Mentored new joiners of the team, reviewed their code and helped them understand new requirements

### Cognizant Technology Solutions, Mumbai

03/2016 – 06/2018

Programmer Analyst

- Attended 5 months Cognizant Academy Training
- Worked as an Offshore Team Member closely with Onsite Team
- Actively participated in agile ceremonies to understand the features

# PROJECTS

## Permissions Data Store

**10/2023 - Present**

- Designing and developing backend APIs for accessing permissions stored in PostgreSQL database
- APIs will allow or restrict different users for performing operations as per their stored permissions
- Developed system is loaded with migration data and will cater the services to millions of banking customers

## Email Integration

**07/2021 - 10/2023**

- Work is done as part of providing send email functionality
- Send email functionality is provided with major email protocols like IMAP, SMTP and MS Graph
- Implemented using Micronaut framework(with Java) and AWS features

## PE Library

**01/2021 - 07/2021**

- Objective is to index existing internal confidential documents
- Developed and implemented using REST APIs, which index internal data for efficient searching
- Implemented using Java, and AWS services

## Load Balancing of Distributed File Systems

**01/2020 - 05/2020**

- Referred some good research papers related to distributed load balancing algorithms
- Objective was to come up with a solution for load balancing which is distributed on nodes and also dynamic in nature
- Implementation was performed with a java based simulation framework name cloudsims

## Retail Services – Banking

**07/2018 - 08/2019**

- Requirement was to provide an interface for retail users of a reputed US based bank for various banking options
- Worked as a Developer and have written product functionality code and Test Classes
- Worked on tools like Bitbucket, Bamboo, Source Tree