

Bhuwan Upadhyay

Java Developer, Cloud Native and DDD Practitioner

Innovative Software Engineer with hands-on professional experience in Cloud Native Application, Domain Driven Development and Serverless Application development, primarily with Java, SpringBoot, SpringCloud, Hibernate, AWSLambda, DynamoDB, Kubernetes.



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WORK EXPERIENCE

Java Developer

Clusus Information Solutions (sister company of ProgressSoft)

10/2016 – Present

Dubai, United Arab Emirates

Achievements/Tasks

- Build Spring Boot microservices for the delivery of software products across the enterprise.
- Decompose existing monolithic code base into Spring Boot microservices.
- Researched Kubernetes with helm deployment strategies for exposing Services through Kubernetes Ingress/virtual services.
- Benchmarked the system to identify bottlenecks of the application and gives feedback according to that.
- Create highly customized Spring Boot microservice by applying DDD, TDD and XP methodologies.
- Created POC of Serverless Application PS-CMS [Consent Management System] with AWS Lambda, Dynamo DB, AWS Kinesis, AWS Cognito, AWS API Gateway using Domain Driven Development methodology.

Software Engineer

Verisk Information Technologies

03/2015 – 09/2016

Kathmandu, Nepal

Achievements/Tasks

- Developed Enterprise applications using MVC architecture and TDD approach.
- Implemented Design Patterns like Singleton design pattern for creating JDBC connection pool, Factory design Pattern – for calling DAO from Service, Proxy Design Pattern– for creating proxy objects, etc.
- Applied the principle of Object Oriented Programming. Polymorphism, Inheritance, Abstraction, Encapsulation, Inversion of Control (Dependency Injection), Open Closed Principle, etc. to achieve reusable, maintainable code.
- Developed complex SQL queries to retrieve, delete, update and persist data.

Java Developer

GITSS Nepal

01/2014 – 02/2015

Dhangadhi, Nepal

Achievements/Tasks

- Developed Service Layer for Android applications using SOA.
- Applied the principle of Object Oriented Programming. Polymorphism, Inheritance etc. to achieve reusable, maintainable code.

EDUCATION

Bachelor of Computer Engineering

Pokhara University, Nepal

2010 – 2014

3.85 out of 4 (University 3rd Topper)

SKILLS

Java

Spring Framework

Spring Boot

Spring Cloud

Spring Data

JAX-RS

Spring HATEOAS

Spring Webflux

JDBC

Hibernate/JPA

jooQ

Spring Security

OAuth

JMH

Junit

Mockito

AWSLambda

DynamoDB

DDD

TDD

CDC Testing

BDD

CI/CD

Kubernetes

Docker

NodeJS

Kotlin

Scala

Angular

Java EE

Eventstorming

Microservice

Serverless

Code Review

Clean Code

Refactoring

CQRS

BPMN

AWSCognito

XP

Agile

GIT

Unix

Nosql

etc...

PERSONAL PROJECTS

Upcoming Books (01/2020 – Present)

- Cloud Native (<https://bhuwanupadhyay.github.io/cloud-native/>)
- Think DDD: (<https://bhuwanupadhyay.github.io/ddd/>)

ddd-utils (11/2018 – Present)

- DDD Utils contains the utility classes for domain driven development.
- Github: <https://github.com/BhuwanUpadhyay/ddd-utils>

7 Projects in College (01/2012 – 01/2014)

- Easy Non Linear Equation Solver, Easy Power Control, Easy Media Player, Easy Folder Locker, Easy Library, Easy FM Tuner, Easy Business Manager
- <https://bhuwanupadhyay.github.io/college-projects>

ACHIEVEMENTS

Dean List's Award by Pokhara University

In Recognition of an Outstanding Meritorious Achievement

The Verisk Way to Go

For Serve | Add Value | Innovate

LANGUAGES

Nepali



English

