

Bhuwan Prasad Upadhyay

Java Developer, Cloud Native and DDD Practitioner, Angular Developer

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, Angular.



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WORK EXPERIENCE

Java Developer

Clusus Information Solutions

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.
- 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

SKILLS

Agile

Angular

AWSCognito

AWSLambda

BDD

BPMN

CDC Testing

CI/CD

Clean Code

Code Review

CQRS

DDD

Docker

DynamoDB

Eventstorming

GIT

Hibernate/JPA

Java

Java EE

JAX-RS

JDBC

JMH

jooQ

Junit

Kotlin

Kubernetes

Microservice

Mockito

NodeJs

OAuth

RDBMS Applications

Refactoring

Scala

Serverless

Spring Boot

etc...

PERSONAL PROJECTS

Upcoming Books (01/2020 – Present)

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

College Projects (01/2012 – 01/2014)

- Easy Non Linear Equation Solver, Easy Media Player, Easy Power Control, Easy Folder Locker, Easy Lend Care, Easy FM Tuner, Easy Business Manger, Easy Library
- <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

English

Professional Working Proficiency

Nepali

Native or Bilingual Proficiency

INTERESTS

Coding

Reading

Swimming

Travelling