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

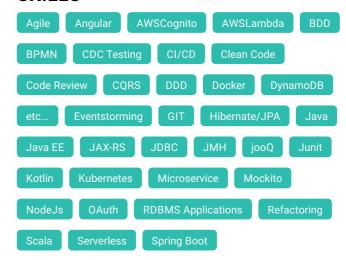*01/2014 – 02/2015*   *Dhangadhi, Nepal*

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` `etc...` `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`

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`