Bhuwan Prasad 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 ●●●●○