ASHISH GHIMIRE

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SOFTWARE ENGINEER

Experienced Software Engineer with over 3 years of expertise in web-based development, automation, and optimizing business process. Skilled in Java and Spring Boot, with a focus on building scalable, enterprise-level solution. Proficient in requirement analysis, quality assurance, and detailed project documentation, with a proven track record in delivering technical solutions that align with business objectives.

Software Development Life Cycle • Design Patterns • Team Collaboration • Requirement Specifications
Enterprise Architecture • Algorithms • Unit Testing • Analysis • Quality Assurance • Microservices
Technical Training • OOPS • Data Structures and Collections • Kafka • CI/CD

Languages: Java
Web: React, HTML, CSS, PHP
Web and Application Servers: Tomcat
Frameworks: Spring (Core, Boot, MVC, AOP), Laravel, Angular, Node.js, Express, JPA, Hibernate, Mockito
Databases: MySQL, Oracle, MongoDB, PostgreSQL
Design Patterns: Factory Method, Singleton, façade, MVC, Builder, Dependency Injection, DAO Design
SDLC: Agile, Waterfall, Incremental
Tools: Git, Slack, Jira, Trello, Eclipse, VS Code, IntelliJ, Maven, Postman, Docker, Jasper Soft
Platforms: Mac, Windows

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed coursework for a Master's in Computer Science, graduating June 2025. Open to full-time W-2 employment (Green Card holder).

YOUNG MINDS CREATIONS PVT. LTD. • Dec 2019-Oct 2021
Role: Software Engineer
- Implement all phases of the Software Development Life Cycle (SDLC) using Agile (Jira), developing monolithic and microservices applications with Spring Boot, Spring Cloud, and frontend technologies like Angular, React, JSP, and jQuery.
- Design and implement microservices architecture using Spring Cloud, Apache Kafka (Saga, CQRS), RabbitMQ (async), and Spring Cloud OpenFeign (sync) for service communication.
- Manage SQL (Spring Data JPA, Hibernate) and NoSQL (MongoDB, Redis) databases, implementing ORM, caching, and batch processing with Spring Batch for high-volume data operations.
- Utilize Spring Cloud Netflix for service registry, Spring Cloud Gateway for API gateway and load balancing, and AWS S3 / Google Cloud Storage for file handling.
- Achieve TDD using JUnit, Mockito, ensure version control with Git, and manage dependencies with Maven, NPM while optimizing performance with multi-threading and design patterns (CQRS, Saga).

Technologies Used: *Java, Spring Boot, MySQL, REST, Angular, AWS (EC2, S3, Lamda, IAM Role, Elastic Beanstalk), HTML, CSS, Bootstrap, Git, Trello, Postman, Mockito.*

DYNAMIC INTERNATIONAL TECHNOLOGY PVT. LTD. • Sep 2018- Oct 2019
Role: Java Developer
Project: Led development of web-based application to automatically adjust federal employees to 3 level governments according to established criteria set by federal government.
Responsibilities:
- Collaborated with clients in development planning meetings, providing technical insights that enhanced decision-making and streamlined project execution.
- Developed and secured RESTful web services using Spring Boot, Spring Security, and JWT, improving API authentication and authorization.
- Optimized logging and debugging by integrating Log4j and Spring AOP, reducing issue resolution time by 30%.
- Designed and managed databases using PostgreSQL and MySQL, ensuring efficient data storage and retrieval for high-traffic applications.
- Enhanced code quality and workflow efficiency by actively participating in code reviews, managing tasks in Jira, and handling version control using Git.

Technologies Used: *Java, Spring Boot, MySQL, HTML5, CSS, Bootstrap, Oracle, Junit, Mockito, Trello.*

ACADEMIC PROJECT

Alumni Management System, MIU (2022): Developed system to manage records of all graduates and generate necessary data for better analysis for future decision making. ***Technology Used:*** *JPA, Spring Boot, Postgres SQL, Keycloak, Redux Toolkit, ECharts.*

Badge and Student Management System, MIU (2022): Worked with a team of four to create a UML class diagram and developed RESTful API using Pair Programming Technique. Developed system for university to provide unique badges to students, staff, and faculty to control access to campus locations. ***Technology Used:*** *JPA, Hibernate, Spring Boot, MySQL, Mockito, Keycloak.*

Music App, MIU (2022): Designed application to play music from playlist. ***Technologies Used:*** *Node.js, Express, HTML, CSS.*

EDUCATION

Master of Science in Computer Science
Maharishi International University, Fairfield, Iowa
Key Courses: *FPP, MPP, Web Application Programming, Enterprise Architecture, Algorithms, Web Application Architecture, Software Architecture, Database Management System, Project Management*

Bachelor of Science in Computer Engineering
Kathmandu Engineering College, Kathmandu, Nepal