

# Shiraz Shrestha

**Java Developer | Software Engineer**

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## Relevant Experience

### Portal Developer @ XTIVIA Inc.

May 2021 - Nov 2021 // Austin, TX, USA

- ▶ Created new features, functionality, and capabilities on the website
- ▶ Write modern, performant, and robust code for a diverse array of client and internal projects
- ▶ Designed multiple dynamic and browser compatible pages using HTML5, CSS3, TypeScript, React JS, and Liferay Content Management System
- ▶ Worked closely with an agile team and provided end-to-end solutions for clients and stakeholders
- ▶ Used npm for package management and dependencies

### Software Developer @ Infokonn Technologies

Jan 2017 - Dec 2018 // Kathmandu, Nepal

- ▶ Designed and developed enterprise web application using Java, Spring and MySQL
- ▶ Applied Hibernate as ORM tool for back-end data persistence
- ▶ Created REST APIs supporting proper HTTP verbs for multiple projects developed using Spring Boot and Hibernate which were consumed on the frontend app
- ▶ Configured and developed core business logic, Spring controllers, and URL mapping for request and response paradigm using Spring Boot
- ▶ Developed RESTful web applications with Spring REST
- ▶ Developed front end using Thymeleaf, JSP, HTML, CSS, JavaScript, Angular and Bootstrap
- ▶ Established software authentication and authorization using Spring Security
- ▶ Used Maven to build project and deal with dependencies

## Projects

### Mamazon Online E-commerce Platform, MIU, USA

- ▶ Developed an online e-commerce platform allowing users to register as a buyer or seller, login, post, and purchase products
- ▶ Identified domain classes, created shopping cart and payment module features
- ▶ Used Spring (Boot, Security, Email), Thymeleaf, Hibernate, HTML, CSS, H2 DB, AJAX, Maven, JUnit, JavaScript, Git, GitHub ([Link](#))

### Online Shopping System, MIU, USA

- ▶ Developed an online role-based online shopping system with a report generation module for management and vendors in a team of six
- ▶ Analyzed functional requirements, use cases, identified domain classes, and required interfaces
- ▶ Used Java, REST, Spring (Boot, Security), Hibernate, MySQL, Maven, JavaScript, Angular, IntelliJ Idea, Git, GitHub, Postman ([Link](#))

### Just Ask, MIU, USA

- ▶ Developed an online web application for online discussion platform that handled user registration, validation, posting/answering queries, and collecting user votes
- ▶ Identified domain classes, created query services, applied API, and displayed results on front-end with AJAX
- ▶ Used JSP/JSTL, Servlet, JavaScript, jQuery, Maven, HTML, CSS, MySQL, AJAX, JSON, Git, GitHub, MySQL Workbench ([Link](#))

## Skills

**Programming Languages:** Java

**Web:** HTML, CSS, JavaScript, TypeScript, JSON, XML, AJAX, REST, Microservices, Bootstrap, Thymeleaf

**Libraries & Frameworks:** Spring (Boot, MVC), React JS, Hibernate, JPA

**Database:** MySQL, MongoDB

**SDLC:** Agile/Scrum, Kanban, TDD, Iterative, Waterfall

**Tools & Platforms:** Git, Maven, npm, Docker, GitHub, Bitbucket, WordPress, Liferay CMS, IntelliJ Idea, VS Code, Spring Tool Suite, Eclipse, Postman, SQL Workbench, JIRA, Slack, MS Project

**Creative Tools:** Adobe (Photoshop, Illustrator, XD, Lightroom, Premiere Pro, Audition)

## Education

### Maharishi International University

2019 - 2021 // Fairfield, IA, USA

MS in Computer Science

Relevant Courses: Algorithms, Web Application Architecture, Enterprise Architecture, Advanced Software Development

### Pokhara University

2012 - 2016 // Nepal

Bachelor of Software Engineering

Relevant Courses: Object Oriented Software Development, Programming in Java, Advanced Java

## Organization

### Nepali Women in Computing

Nov 2019 - Present // Nepal, USA

Creative Head