SRIJANA LAMA
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SOFTWARE ENGINEER

Full Stack Software Engineer with 3+ years of track record of designing and developing RESTful web applications using Java and React. Proven track record of impactful contributions to multiple projects resulted in a double promotion, demonstrating dedication and competence. I'm actively seeking a long-term opportunity where I can work on complex and challenging projects to further my career goals.
Proficient in **Java, Spring Boot, React, Node, Express, Microservices, REST, AWS, MS SQL, MYSQL, CI/CD and Git.**

Front End & Back End • Software Development Life Cycle • Object-Oriented Java Programming
Microservices • Web Services • Data Structures & Collections • Database Optimization

Languages: Java
Web: JavaScript, jQuery, AJAX, HTML5, CSS3, Prime React, Bootstrap, JSP, Thyme leaf, Servlets,
Web Services: RESTful
Web/App Servers: Apache Tomcat,
Frameworks: Spring (MVC, Data JPA, Security, Boot, Cloud, AOP), Hibernate, React, Redux, Node, Express
Databases: MySQL, MS SQL, SQLite, DynamoDB
Design Patterns: Singleton, Factory, Decorator, Observer, Strategy, Iterator, Adapter, Command
SDLC: Agile (Scrum / Kanban)
Tools: Eclipse, IntelliJ IDEA, Visual Studio Code, Postman, Git, SVN, CI/CD, Jenkins, Kafka, Docker, ELK, Swagger, STARUML, Lucid Chart
Platforms: Windows, AWS, Linux

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment || Ready to relocate)

PCS, Lalitpur, Nepal   **Sep 2020- Jul 2022**
ISO-9001:2015 certified leading software company with more than 30 years of experience.

Software Engineer III   **Jan 2022 – Jul 2022**
Worked closely with clients in a fast-paced Agile environment during all phases of SDLC.

- Implemented **Spring Security** with **oAuth2** to handle authentication and authorization, leading to an improvement in application security and safeguard users' data on microservice-based projects.
- Developed responsive and interactive user interfaces (**UI**) using **React**, **Redux**, **React Router**, and **Prime React** and **RESTful APIs** using Spring Boot for back-end services.
- Conducted highly effective end-user training sessions for **UAT**, resolved issues after VAPT and UAT and minimized post-release support requests.
- Leveraged advanced features of **Java 8**, such as **Lambda** expressions, **Streams API**, **Optional Class**, **Collection Framework, Exception Handling**, and **Generics**, to write clean and maintainable code.
- Provided training to users and presented regular progress reports to client and management. Supported application by fixing bugs and user experience issues, testing, and adding changes.
- Consulted with clients and experts to analyze and collect inputs for desired software and led a team of **5** developers through all phases of **SDLC**, overseeing **3 microservice**-based projects.
- Performed database design, development, and maintenance tasks using **MySQL** and **Microsoft SQL Server**. Documented technical Specifications and dependencies of applications.
- Successfully implemented **Kafka** and automation tools in multiple projects. Collaborated with cross-functional teams to design, develop, and maintain web applications for clients in various industries.

Software Engineer I   **Sep 2020- Dec 2021**
Studied, analyzed, designed, and developed application modules according to requirements.

- Learned and adopted new technology, deploying a scalable microservices architecture using **Spring** and **React** framework, resulting in the successful completion of **3** projects.
- Initiated the design and development of KYC application for Social Security Fund. Integrated **.NET** APIs into Java using Spring **Web Flux** and **Jackson**, leading to the successful approval of a new project.
- Collaborated seamlessly with team members and cross-departmental members to successfully migrate a legacy system to a target architecture, completing **100%** of the work.
- Studied, analyzed, designed, and developed a new module for banking system according to requirements using **JSP**, Spring **MVC**, and **Hibernate**.

__Technologies Used:__ Java, Spring (MVC, Boot, Security), JSP Servlets, React, Prime React, Hibernate, MS SQL, MySQL, SQLite, Microservices, JUnit, Mockito, Jest, Eclipse, Swagger, Eclipse, Git, Trello, Launch4j

JAVRA, Lalitpur, Nepal   **Apr 2019- Apr 2020**
Netherland-based company providing offshore services from Nepal since 2006.

Junior Software Engineer
Performed major deliveries of project requirements while communicating with Netherlands team.

- Analyzed, designed, developed, and tested monthly releases of external projects. Provided support and maintenance for upgrading internal project, fixing technical issues.
- Programmed CRUD operations, designed pages, and wrote SQL queries. Implemented changes and added features as per project requirements.
- Implemented changes, added new features, and troubleshooted and resolved technical issues. Tested changes and new features alongside cross-departmental QA teams.

__Technologies Used:__ Progress4GL, Java, JavaScript, jQuery, Spring MVC, JSP, SVN

ACADEMIC PROJECTS

Maharishi International University, Fairfield, Iowa (2023):
- **Project-Shopping**: SPA project with separate client and server code, login authentication, and shopping cart management. Users can add items to their cart, adjust quantities, and place orders, all with real-time stock management. Utilized JavaScript, Node.js, Express and GitHub
- **Student Reward Application:** Microservices-based web application which allows students to use scores to receive school-provided rewards. Implemented logging and tracing with Zip kin and Sleuth, with Kafka for messaging services Used CQRS for business logic, added central config service, and implemented Spring Security and email service for login credentials.
- **Course Registration System:** RESTful system of microservices using Spring Boot and Spring Data JPA. Created collection of RESTful services to automate registration for Computer Science students. Also used Java, Spring Security, MySQL, Kafka, Postman, and Lucid Chart.
- **Cloud Website:** Built front-end using React and backend API using Lambda, DynamoDB, API Gateway, SNS, S3, and SQS. Deployed in S3 and configured GoDaddy domain in Route53.
- **Library Management System:** A Desktop solution that tracks and manages book and member data, with multiple user roles for librarians and administrators. Project also handles data for reporting systems, and uses Java, JavaFX, MySQL, Star UML, Eclipse, and Scene Builder.

EDUCATION

Master of Science in Computer Science
Maharishi International University – Fairfield, Iowa

Bachelor of Engineering in Information Technology (2018)
Cosmos College of Management & Technology – Pokhara University – Lalitpur, Nepal