Ajay Maharjan

Associate Software Engineer

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Enthusiastic Associate Software Engineer with a passion for coding and strong problem-solving, debugging, and testing skills. Seeking a Java Developer role to apply organizational prowess and contribute impactful solutions, driven by an unwavering commitment to excellence.

EXPERIENCE

Bookkeeper   Taudaha, Lalitpur

PASA   May, 2017 - Dec, 2018

- Possesses bookkeeper skills in managing daily transactions, validating accounting records, and reconciling bank statements.

Freelance   Kumaripati, Lalitpur

Self-employed   Feb, 2022 - May, 2023

- Freelance Java Backend Developer for an Accounting System, specializing in security enhancement, purchase, and billing management using Spring. Proficiently implemented security measures and contributed to critical modules. Conducted JUnit testing to ensure robust system functionality.

Associate Software Engineer   Sifal, Kathmandu

Deerhold   Aug, 2023 - Present

- Successfully resolved critical issues in the Struts-based project, enhancing application stability and performance, and garnering commendation from the client.
- Contributed significantly to the successful deployment of the product project, ensuring scalability and performance efficiency through robust architectural decisions.

EDUCATION

High School   Purnachandi, Lalitpur

Bhassara Secondary School   Mar, 2002 - Jun, 2016

GPA - 3.80

Higher Secondary   Kumaripati, Lalitpur

Moonlight Secondary School   Jul, 2016 - Sep, 2018

GPA - 3.34

Bachelor in Computer Technology   lalitpur

Himalaya College of Engineering   Oct, 2018 - Jun, 2023

GPA - 3.2

PROJECTS

GAN Model

Our major project focused on developing an impressive Image Inpainting system using React.js, Node.js, and Python. We successfully implemented a cutting-edge GAN model to restore distorted images and generate visually appealing results.

E-Commerce website with Recommendation system

Our minor project involved building an E-commerce Website using the Spring Boot framework. We incorporated Spring Security, Mappers, and JPA for secure authentication, efficient data mapping, and seamless database operations. Additionally, we integrated a Recommendation System package to provide personalized product recommendations to users.

JFE Engine

Contributed to web application development using Struts framework within a JFE engine environment. Engaged in design, development, and maintenance, ensuring robust functionalities and seamless user experiences.

Automation

Key role in product development using Spring, AWS, Thymeleaf, and Hibernate. Collaborated across teams, architecting, implementing, and deploying the system. Utilized Spring for feature implementation, managed AWS services, crafted dynamic UI with Thymeleaf, and optimized database interactions using Hibernate.

Tara

Key role in Tara project: jQuery for front-end dynamics, Java Spring, JPA, Hibernate for robust backend, and Thymeleaf for seamless server-side rendering.

TRAINING/CERTIFICATIONS

Spring Oauth 2.0   2023

Udemy

- I have implemented the following OAuth 2.0 grant types: Authorization code grant
- I have also implemented the following OAuth 2.0 flows: Authorization code flow
- I am familiar with the following Spring Security OAuth2.0 concepts:
  - Authorization servers
  - Resource servers
  - Clients
  - Access tokens
  - Refresh tokens
  - Scopes

SKILLS

Java, Python(Flask FastAPI), ReactJS, Spring, Spring Security, Struts, HTML, CSS, Javascript, Docker, AWS S3, Junit, jQuery

LANGUAGE

Nepali, Newari, English