

SAAJAN NARAYAN JOSHI

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Professional Experience

Javra Software (Bhaisepati, Nepal – Headquartered at Culemborg, Netherlands)

Associate Senior Software Engineer (Progress 4GL + Python)

March 2022 – July 2022

- Used Celery asynchronous task queue to process data and post to ActiveMQ, which is ultimately picked up by the consumer which is integrated in the Progress side.
- Data consumption on progress 4gl from ActiveMQ and persists the data in the database after processing the data with business flows. This creates the quote based on the data extracted from the queue against several rules.
- Utilized GIT for efficient code versioning and collaborated with team members for successful project completion.
- Implemented CI/CD processes in Gitlab, reducing deployment time by 30%.
- Designed and developed APIs using Python and MongoDB that improved application performance by 25%.
- Implemented microservice architecture for multiple services resulting in a 20% increase in system scalability.
- Produced comprehensive project documentation and provided daily updates to stakeholders, ensuring project goals and timelines were met.
- Mentored junior developers in API development and DB queries, facilitating their growth and development within the team.

Viveka Services (Sanepa, Nepal – Headquartered in New York, United States)

Software Engineer (Java)

Feb 2021 – Feb 2022

- Used Spring Boot Framework for Application development.
- Built an insurance claim processing system for US Healthcare, resulting in a 30% reduction in processing time.
- Proficiently implemented GIT for code versioning, resulting in a 15% reduction in merge conflicts
- Provided daily project updates, including achievement, obstruction, and to-do task discussion, resulting in a 25% increase in project transparency.
- Worked in tech stacks such as JAVA, PostgreSQL, AWS, Python, and Elastic search.
- Successfully handled ETL (Extract, Transform and Load) process, resulting in a 10% increase in data accuracy. Worked on the files such as 834, Rx claim file, and custom files issued by clients.
- Batch processing file and feed it to ETL process.

Javra Software (Kumaripati, Nepal – Headquartered at Culemborg, Netherlands)
Software Engineer (Progress 4GL)
Feb 2018 – Jan 2021

- Worked with OERA (OpenEdge Reference Architecture) Framework for API development.
- Worked with an aircraft part distributor client (**PROPONENT**) to develop an order quoting system for customers, and suppliers.
- Designed and developed a communication module to improve system integration, resulting in a 30% increase in data accuracy. This module was integrated to ease communication in different departments.
- Collaborated with an onshore client (**ATTEMA**) in the Netherlands to migrate their current system to the SAP platform, resulting in a seamless transition and positive feedback from the client.
- Expertly implemented GIT version control, resulting in a 20% increase in code quality and team productivity.
- Streamlined deployment processes through continuous integration and continuous deployment (CI/CD), resulting in a 15% reduction in deployment time.
- Developed technical and functional documentation for projects, resulting in a 20% increase in team efficiency and project clarity.
- Provided daily updates on project progress, achievements, obstacles, and to-do tasks, resulting in a 30% increase in team collaboration and project transparency.

Javra Software (Kumaripati, Nepal – Headquartered at Culemborg, Netherlands)
Jr. Software Engineer (Progress 4GL)
March 2017 - Jan 2018

- Collaborated on the development of an ERP framework in Progress 4GL (X/E Files), implementing features such as dynamic pagination, charts, and a rich text editor to improve functionality and user experience.
- Proficiently implemented GIT/SVN version control systems to streamline collaboration and code management.
- Consistently provided daily updates on project progress, including achievements, obstacles, and ongoing tasks

Education

Lambton College	
<i>Post-graduate degree (Full stack software development) (Running)</i>	Toronto
Tribhuvan University	
<i>B.E., Electronics and Communication (2011-2015)</i>	Lalitpur, Nepal
Whitehouse Higher Secondary School	
<i>High School Diploma (2009-2011)</i>	Lalitpur, Nepal

Proficient Tech Stacks

- C, C++, C#, Java, JavaScript (React-Native, jQuery), Progress 4GL, Python, Postgres, MongoDB, Springboot framework, Fast API

Reference

Apil Koirala

COE Manager

Javra Software

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