
KRISHNA RIJAL

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PROFESSIONAL SUMMARY

I am a Software Engineer at Infinite Nepal (previously known as COTIVITI Nepal) with more than 2 years of diverse IT experience, progressing from a Machine Learning Intern to a Java Developer. My journey has involved gaining expertise in various language domains and exploring diverse knowledge areas, particularly focusing on data-related fields and databases. My keen interest in these domains fuels my aspiration to become a Data Scientist.

WORK HISTORY

Software Engineer I / Data Analyst / ETL Developer, 11/2022- Present

INFINITE Nepal (Previously Known as COTIVITI Nepal) – Hattisar, Kathmandu

- Specializing in optimizing workflows for enhanced autonomy
- Skilled in data analysis to deliver precise results for clients, proficiently utilizing ODI tools for efficient data management and implementation
- Expertise in designing workflows based on data insights to ensure accurate outputs within the US Healthcare Domain
- Known for prompt task delivery with high accuracy, adept problem-solving abilities, effective team communication, and conducting thorough code reviews to ensure quality and precision
- Proven ability to train new team members on healthcare workflows, optimizing results and fostering organizational understanding.
- Developed scalable and maintainable code, ensuring long-term stability of the software.
- Developed reusable components that significantly reduced development effort on multiple projects.
- Collaborated with cross-functional teams to deliver high-quality software products on schedule.
- Improved software performance by identifying and resolving bottlenecks in the code.
- Updated old code bases to modern development standards, improving functionality.
- Efficiently resolved production defects in a timely manner, improving overall system performance.

Java Developer, 08/2022 – 11/2022

HamroPatro Inc - Sifal, Kathmandu

- I contributed to the 'Hamro Health' platform, collaborating with DevOps to develop and maintain Java applications
- I implemented new features, applied problem-solving skills to tackle technical challenges, and consistently delivered high-quality, efficient code.
- Ensured seamless integration of Java-based applications with databases, APIs, and other systems.
- Reviewed code and debugged errors to improve performance.
- Troubleshoot complex issues within existing software applications, identifying root causes and implementing effective solutions.
- Participated in requirements gathering and design development meetings.

Machine Learning Intern, 03/2022 –08/2022

HamroPatro Inc - Sifal, Kathmandu

- Developed and implemented machine learning models for a News Recommendation System, conducting thorough research and evaluation to ensure optimal recommendations
- Utilized data analysis to derive actionable insights, enhancing decision-making
- Acquired proficiency in diverse machine learning techniques and tools through practical application.

- Designed experiments to validate the effectiveness of various machine learning approaches in addressing project objectives.
- Built user-friendly tools for non-technical colleagues that simplified interactions with trained machine-learning models.
- Supported teammates by sharing knowledge on best practices in machine learning development, fostering a collaborative work environment.

SKILLS

• Data Analysis • Microsoft Excel • Oracle Database • ODI • Java • Python • Data analytics • Communication Skills • JIRA • Team Collaboration • SQL • Cross-Functional Collaboration • Software Documentation

EDUCATION

Bachelor of Science: Computer Science and Information Technology (CSIT), 11/2022

Bhaktapur Multiple Campus – Bhaktapur, Nepal

Projects

- Nepali Automated Speech Recognition (Transformer model)
- News Recommendation System

Courses

- Database Management System (advanced and object oriented)
- Artificial Intelligence
- Software engineering
- Data Structures and Algorithms and more.

CERTIFICATION

- Python Programming Bootcamp(365datascience.com)
- Machine Learning with Python(365datascience.com)
- SQL (365datascience.com)
- SQL for Data Science Interviews(365datascience.com)
- Introduction to Data and Data Science(365datascience.com)
- Oracle Database 19c: PL/SQL(Udemy)
- Data Science with python (Broadway Infosys)

PROJECTS

- E-Commerce Project (Online E-Commerce website)
- E-Governance project for Birth and Death Registration (C#, ASP .NET)
- NET Centric (Appointment Scheduling in C#, ASP .NET)
- News Recommendation System