

Surit Babu Aryal

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Summary

Results-driven and highly motivated System and Network Administrator with over 10 years of hands-on experience in Linux system administration, network management, and DevOps. Demonstrated expertise in configuring and maintaining Linux-based operating systems, implementing security protocols, and utilizing open-source tools such as GitLab, OpenStack, and ZABBIX for effective system monitoring. Adept at designing and optimizing technical infrastructures for efficiency and security.

Possess a solid foundation in software engineering, with a Bachelor's degree that includes proficiency in software architecture, programming (C & C++), and the use of Unified Modeling Language (UML) for system representation. Recognized for contributions to Mozilla Firefox, exemplified by inclusion in the SF monument at Mozilla Headquarters.

Proven ability to collaborate within cross-functional teams, contribute to agile project methodologies, and maintain a deep commitment to staying updated with emerging trends and technologies. Passionate about Linux and open-source technologies, with a track record of successful project implementations and a commitment to providing innovative solutions.

Additionally, I bring extensive expertise as a Chief Cloud Architect in the fintech sector in Nepal, where I successfully led the development and implementation of cloud-based solutions to enhance security, scalability, and efficiency within the financial technology landscape. My strategic contributions have enabled seamless digital transformation and have positioned organizations for sustainable growth in the rapidly evolving fintech ecosystem.

Education

2012 - 2016

Bachelors in Software Engineering (BE)

Pokhara University, Pokhara

This course has been designed with the aim of producing quality engineers for the growing software development industry. I learnt various aspects of software development including software architecture and designing, programming using languages such as C & C++ and representing the functionality of a system using various Unified Modeling Language such entity relationship diagrams, use case diagrams, sequence diagram etc.

The course also included materials on Artificial Intelligence, this proved that it was designed with the pace of changing software development industry.

2008 - 2010

Intermediate in Science (ISc)

KIST College, Kathmandu

Certifications & Awards

- Recognized for contributions to Mozilla Firefox and included in the SF monument at Mozilla Headquarters.
- Listed as a contributor in every Firefox browser shipped since November 2013.
- Invited as a guest of honor to events related to Free and Open Source Software in Kathmandu Valley.

Experience

Jan 2023 – Current

Fintech Solutions Pvt. Ltd.

Chief Cloud Architect

- Develop and Maintain Company's CI/CD practice.
 - Develop and Maintain Company's Network Architecture.
 - Identify any Gap for its continuous Enhancement and Propose Possible Solutions for CI/CD, Network Architecture and any other solutions/Tools for enhance for Software Development practices and Technical Delivery.
 - Write the Technical Specs and tackling Technical Problems for Products, CI/CD, and Network Architecture.
 - Develop and Lead Cloud Architect Team.
 - Liaison with multiple departments for technical delivery management.
 - Chime in for the Code Review for the Technical Team.
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May 2022 – Jan 2023

Inspheeris

Senior DevOps/System Administrator

- Collaborate on technical infrastructure design with the team.
 - Plan and execute project actions, milestones, and releases.
 - Collect technical data and information for project preparation.
 - Maintain and document existing infrastructure.
 - Participate in agile project ceremonies and system audits.
 - Liaise with external tech support vendors.
 - Share insights on technology trends and stack recommendations.
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Feb 2021 – April 2022

Genese Solution

DevOps Engineer

- Work with different clouds: AWS, Azure and GCP
- Building and deploy CI/CD pipeline for a reputed bank in UK
- Migrating on-premises architecture for a reputed bank in US

- Design, develop and support Cloud native solutions for customers
 - Perform system monitoring, architecture review, cost audit and security audits
 - Work on new technologies such as IoT, Big Data, ML
 - Work closely with other members of the team to provide solutions
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Nov 2019 – Feb 2023

Gurkha Host Pvt. Ltd.

Technology Consultant

- Developing the company's strategy for using technological resources
 - Ensuring technologies are used efficiently, profitably and securely
 - Evaluating and implementing new systems and infrastructure
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Sept 2018 – Nov 2019

Netfiniti Pvt. Ltd.

Advanced Solutions Engineer

- Perform and Validate project as per the defined Project Management Standard Operating Procedure (SOP)
 - Perform and Validate technical support (such an onsite. remote. email. phone support)
 - Maintain and update Project. Support Activities. RnD and Presales Activities.
 - Perform training to Trainees as per defined syllabus and company standard.
 - Perform training to Customer as per defined syllabus and company standard
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July 2017 – Sept 2018

DataHub Pvt. Ltd.

IT officer

- As an IT officer within the data center one my key responsibility was to monitor the various organizations systems using Zabbix
 - Along with the technical roles providing customer service to the clients was also key to the role.
 - Some of the other services that were used are Backup As A Service (BAAS) and Disaster Recovery As A Service (DRAS).
 - Pre-sales was also a big part of my job. I used to hold meetings and talk with clients and pitch the product to them.
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References available upon request.