

Shiva Gaire

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● ABOUT ME

Experienced Software Engineer strongly focusing on software craftsmanship, developing, and implementing innovative enterprise-ready software solutions. Backend focused fullstack software engineer skilled in Python, Flask, AWS, Terraform, MongoDB, and Docker. Experienced in leading migration projects to the cloud, developing innovative features, and mentoring junior engineers. Effective mentor and collaborator, with a passion for open-source contributions. A licensed paragliding pilot and an adventure enthusiast.

● WORK EXPERIENCE

24/04/2023 – CURRENT Turku, Finland

SENIOR SOFTWARE ENGINEER RESIMATOR OY

- Improved tests coverage and implemented a robust testing framework, resulting in a substantial reduction in bug reopening rates. By identifying and fixing issues early in the development process, the team achieved higher software quality and improved overall efficiency.
- Led efforts to enhance critical backend customer-facing endpoints, resulting in a more seamless user experience. The improvements contributed to increased customer satisfaction and retention rates.
- Introduced AWS pipeline for Continuous Deployment, streamlining the deployment process and reducing deployment efforts by 100% which significantly accelerated the release cycle and minimized downtime.
- Acted as a key member of the hiring team, actively participating in candidate evaluations and interviews. Collaborating with the team, I contributed to attracting top talent and building a high-performing, cohesive workforce.

05/2022 – 13/04/2023 Kathmandu, Nepal

SENIOR SOFTWARE ENGINEER LOGPOINT

- Led migration of first-generation on-premise alert, and incident engine to the AWS cloud that significantly reduced computation cost on on-prem LogPoint installation
- Conceptualized and built an SMS notification feature with SMPP support to the current notification engine that helped to onboard prospective telecommunication customers
- Mentored the team of new engineers in the team

05/2020 – 05/2022 Kathmandu, Nepal

SOFTWARE ENGINEER LOGPOINT

- Developed the core web server architecture for the SIEM application, facilitating efficient incident and alert triggering from diverse log sources.
- Integrated the MITRE ATT&CK Knowledge base into the existing alert rules, enhancing the platform's threat detection capabilities.
- Enhanced unique node-based licensing models for LogPoint SIEM products and sub-products (SOAR & Logpoint Cloud), offering flexible and tailored solutions to clients.
- Designed and implemented an automated documentation pipeline, reducing the workload for the Documentation team by 100%, and improving accessibility in different formats (HTML/PDF).

01/2018 – 05/2020 Kathmandu, Nepal

ASSOCIATE SOFTWARE ENGINEER LOGPOINT

- SIEM Sizing Calculator:
 - Designed and built an application to calculate SIEM infrastructure needs, resulting in a 60% increase in marketing lead generation.
- Logpoint License Portal:

- Enhanced the security of the existing License model for LogPoint and introduced licensing models for sub-products Director & UEBA.
 - Implemented GnuPG signing and checksum verification for Logpoint generated licenses, significantly enhancing security for the Logpoint's licensing model.
 - Integrated Salesforce API to synchronize customer details from Salesforce to the license portal for license mapping and analytics.
 - Logpoint Developer Portal:
 - Strengthened the security of Logpoint generated artifacts by implementing checksum verification and GnuPG signing.
- Tech Stack: Python, Flask, Node.js, Express.js, MongoDB, React.js, Linux, Bash

09/2017 – 01/2018 Kathmandu, Nepal

PROFESSIONAL INTERN LOGPOINT

- Built an Internal tool with JIRA API integration to fetch project management and resource analytics, Helped project managers to provide a holistic view of resources and their assigned factors.
- Worked on Logpoint customer portal to fix existing bugs
- Worked on Logpoint Developer portal and internal tools

● EDUCATION AND TRAINING

01/2013 – 2017

BACHELOR IN COMPUTER ENGINEERING Institute of Engineering, Tribhuvan University

Address Kathmandu, Nepal

● DIGITAL SKILLS

Python | Rust | Node.js | Linux | Flask | FastAPI | Django | Docker | Kubernetes | Git | MongoDB | PostgreSQL | Redis | SQL | Celery | Unit Testing | AWS | Microservices | Object-Oriented Programming | Agile (Scrum) | Linux (Terminal Commands, Bash/Shell)

● ADDITIONAL INFORMATION

PUBLICATIONS

[Blockchain in Handicraft Supply-chain Management](#) – 2019

This paper proposes an efficient Supply-chain management system for Handicrafts using Blockchain which addresses the deficiencies pertaining to the traditional approach.

CONFERENCES AND SEMINARS

12/09/2022 – 16/09/2022 – Dublin, Ireland

Open Source Summit Europe

VOLUNTEERING

31/03/2023 – CURRENT

Open Source Contributor Fixed open issues in the [Kubewarden](#), A policy engine for Kubernetes policies.

No of PR merged: #4, [Link to PR](#) (Requires GitHub logged-in)

Language: Rust
