

# Bikash Gurung

Phone: +977 9813103515, 9869087588

Email: [vikashtamu99@gmail.com](mailto:vikashtamu99@gmail.com)

Website: [bikashgrg.com.np](http://bikashgrg.com.np)

Github: <https://github.com/Bikash-Gurung>

Linkedin: <https://www.linkedin.com/in/bikash-gurung-b556a613a/>

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## Technical Skills:

- Java
- Springboot
- JPA (Hibernate)
- MySQL, Redis
- Javascript
- Chrome Extension Development
- Git and Github
- Linux
- Familiar with Docker
- Familiar with Microservice
- Familiar with AWS (EC2, RDS, S3)
- Familiar with CI/CD using Jenkins

## Experience:

### ❖ Sr. Software Engineer-II at LIS Nepal. *(Aug-2023 - Nov-2023)*

- Developed RESTful APIs within a microservices architecture, utilizing Docker for containerization and Kafka for efficient event-driven communication.
- Wrote unit and integration tests using JUnit5 and Mockito to ensure reliability and maintainability of APIs.
- Utilized tools such as Kafdrop for Kafka monitoring, Snowflake for data warehousing, and Jenkins for continuous integration and deployment.
- Worked effectively within an Agile team practicing Scrum methodology
- Collaborated with offshore teams across different time zones to deliver high-quality solutions.

### ❖ Sr. Software/Software Engineer at Machnet Technologies Inc.

*(Sep-2022 - July-2023)*

- Mentored team of more than 10 engineers with 6 live projects (Web/Mobile App)
- Lead requirement gathering, task breakdown, estimation and task delegation

- Helped to improve engineering process which includes Requirement Gathering, Development, Deployment, Monitoring and Quality Assurance process by
  1. Increased involvement of QA from requirement gathering to release
  2. Improved requirement gathering process by including FRD preparation before task breakdown and estimation
  3. Improved code review process by adding PR template and Secure coding guideline
- Plan and perform UAT and Production releases
- Provided production support
- Identified, resolved and created incident reports

#### ❖ Software Engineer at Machnet Technologies Inc. (July 2019 - Sep-2022)

- Designed, Developed and Maintained Rest API for Cross Border Payment Systems
- Developed features like
  1. Schedule/recurring payment
  2. SMS/Email notification
  3. Device detection and tracking
  4. PDF invoice generation
  5. reCAPTCHA
  6. Email localization
  7. API Rate Limiting
- Refactored and improved webhook handling module and reduced status sync time from 5 min to less than a second by re-architecting the implementation

#### ❖ Associate QA at Machnet Technologies Inc. (July-2018 - July-2019)

- Planned, created, maintained and executed test cases to assure the quality of RaaS API-v1. RaaS API provides Cross Border Payment API which is easy to integrate and provides remittance from US and Canada to many countries with various Payment and Payout methods.
- Performed load testing using JMeter
- Initiated Automated testing using Selenium

#### ❖ QA Internship at Leapfrog Technologies Inc. (May-2018 - July-2019 July-2018)

- Hands on practice of skills required to be a Quality Assurance Engineer

## **Education:**

- ❖ Bachelor of Information Technology  
*Kantipur City College (PU)*
- ❖ High School (Science Major)  
*Kathmandu Bernhardt College (HSEB)*

## **Projects:**

- ❖ Prabhu Online (<https://www.prabhuonline.com/>)  
***Prabhu Online** is a remittance system that enables money transfer from the **US** to **Nepal** through various payment and payout methods.*
- ❖ Firmpay (<https://firmpay.com/>)  
***Firmpay** is a remittance system that enables money transfer from the **US** to **25 corridors** through various payment and payout methods.*
- ❖ ChoiceRemit (<https://choiceremit.com/>)  
***Choiceremit** is a remittance system that enables money transfer from **Canada** to **Kenya** and **Somalia** through various payment and payout methods.*