

Saramsh khadka

📍 Vermillion, South Dakota, US ✉ saramshkhadka39@gmail.com ☎ 18457792772 in saramsh-khadka

🔗 Saramsh

A highly motivated Computer Engineer who has overall experience of working as a QA Engineer, IOS Developer, Python Developer, Data Engineer (Data science in R).

Education

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| MS | University of South Dakota, Vermillion , Computer Science | 2024 Jan-Currently |
| | • Coursework: Machine Learning Fundamentals , Data Structure, Advanced Computer Network | |
| BS | Kathmandu Engineering College, Kalimati, Kathmandu , Computer Science | 2015 December- 2019 December |
| | • Coursework: Artificial Intelligence ,Mathematics ,Numerical Methods | |

Experience

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| Software QA Engineer , Cedar Gate Technologies | Sanepa, Lalitpur
(2022/02 to 2024/01) |
| <ul style="list-style-type: none">• Deliver bug free functionality and modules.• Responsible for maintaining integration of Jira-SalesForce• Responsible for maintaining bug free module Human Resource Management tool of CedarGate.• Deliver User Documentation for SalesForce-Jira integration. | |
| QA Officer , DryIce Solutions | Kumaripati, Lalitpur
(2022/02 to 2024/01) |
| <ul style="list-style-type: none">• Development of bug free application.• Responsible to generate Reports from Database according to user.• Responsible for giving handover training to Government employee. | |

Internship Experience

- **QA (Internship)**
Dryice Solutions
Jwagal, Lalitpur (2019/11 to 2020/04)
 - Worked on complete testing of OIBN (Investment Board Nepal) website
 - Developed respective Test Cases
 - Created User Manual for the website
- **iOS Developer (Internship)**
CodeLava
Chabahil, Kathmandu (2018/03 to 2018/06)
 - Integrated APIs and local databases in iOS applications
- **Python (Internship)**
IT Advisor
Dumbarahi, Lalitpur (2017/02 to 2017/05)
 - Worked on basics of PostgreSQL and Django framework

Projects Undertaken

- **SSBH 2.0**
 - Worked on complete testing and test case development for USAID's Strengthening System for Better Health (SSBH 2.0) system
 - System collects health information from remote health posts in Nepal
- **LMBIS (Line Ministry Budget Information System)**

- Conducted comprehensive testing including:
 - * Efficient test case development
 - * Load testing
 - * Report testing
- Created user manual
- System used by all Government of Nepal offices for salary and financial transactions
- Funded by World Bank
- **NID (National Identification Department)**
 - Responsible for testing API responses using Postman
 - For slot booking system of National Identification Department
 - System in process to replace current Citizenship of Nepal

Academic Projects

- Computer Graphics project: LED Display (Using C++)
- Minor Project: RealTime Stock (An app to display real-time stock prices and forex)
- Major Project: Student Registration Using Face Recognition (A web application which uses the facial properties to take attendance)
- Clima: An iOS application for the climate condition

Skills

- Programming Languages: C, C++, Swift, Python, HTML, R
- Database : MySQL, PostgreSQL, SOQL, NoSQL
- Tools: Git, Linux, Jira, Salesforce, Jmeter, PostMan, Robot framework

Areas of Interest

- Artificial Intelligence
- Web and mobile application development
- Database Management

Certifications

- 3 months of DataScience Course with R by datascience hendson
- 100 Days of Python by Angelina Yuu
- Data Engineering Essentials using SQL, Python, and PySpark - (Udemy)
- iOS 11 & Swift 4 - The Complete iOS App Development Bootcamp & Swift 4: (Udemy)
- Become a Probability & Statistics Masters by Kristha King- (Udemy)
- Become a Linear Algebra Master by Kristha King - (Udemy)
- Python for Data Science and Machine Learning Bootcamp by Jose Portilla - (Udemy)
- The Complete Tableau Bootcamp for Data Visualization by Jose Portilla - (Udemy)