Krishna Khadka
Software Engineer

krishnakhadka2802@gmail.com
+91-9815362113
linkedin.com/in/kkhadka
github.com/khadkakrishna
Bengaluru, Karnataka, India

A productive and detailed individual with the ability to develop an effective and efficient software or solution. Looking for an opportunity to use my skills and experience for the development of the project, where strong project management and analytical skill will be beneficial.

AREA OF EXPERTISE

Software Development | Object-oriented Design | Microservices | Database Management/Architecture

UI Toolkits and Frameworks | WEB API | Source Control Management | SDLC | Operating Systems

Data Analytics | Big Data Analytics | Stream Processing | Log Management | Problem Solving

PROFESSIONAL EXPERIENCE

Software Engineer   July 2020 - Present
Micro Focus Software India Pvt. Ltd.   Bengaluru, Karnataka, India
-Worked on log management and Analytics dashboard with ELK Stack
-CI/CD for Cloud/SaaS models for Identity and Access Management Services.
-Enhance the product components and develop other use-cases.
-Delivered federated single sign-on and supports multi-factor authentication, role-based access control, and data encryption.

Software Engineer Intern   January 2020 – June 2020
Micro Focus Software India Pvt. Ltd.   Bengaluru, Karnataka, India
-Prevention of various Network Security Attacks in various parts of product.
-Develop a free DNS certificates issuing client that uses ACME protocol.

EDUCATION

Bachelor of Technology (Computer Science Engineering)   2016-2020
Chandigarh University   Mohali, Punjab, India

Higher Secondary Certification (Non-medical)   2015-2016
Punjab School Education Board   Phagwara, Punjab, India

CERTIFICATIONS and TRAININGS

Linkedin learning: Apache Kafka Training.   2020
MongoDB: Python Developers, Aggregation Frameworks and Data Modelling.   2020
Linkedin learning: Python Design Patterns and OOPS.   2019
Udemy: Hands on Machine Learning and Artificial Neural Networks.   2019
TCIL-IT: Six Months training in Data Science and Machine Learning.   2018
Google cloud: How Google does Machine learning   2017

TECHNICAL SKILLS

Languages:	Java, Python, Shell Scripting, C/C++, JavaScript
Databases:	MongoDB, MySQL, Oracle.
Operating Systems:	Windows, Linux and MacOS.
Microservices:	Docker and Kubernetes, REST APIs
Machine Learning:	Feature Engineering and predictive Modelling.
BIG Data Analytics:	Apache Hadoop, Spark
Cloud Computing:	AWS, Google Cloud Platform
Front end technologies:	HTML and CSS, Bootstrap
Frameworks:	Spring and Spring boot, Flask, Angular
Log Management:	Syslog, Elasticsearch, Logstash, Kibana
Version Control:	SVN, GitHub, Jenkins
Others:	JSP, Time Series Analysis (ARIMA), NLP using Nltk, Geographic Information System (GIS), Apache Kafka, OOPs and Design Patterns.

PROJECTS

Streaming Logs using Kafka and Integration with ELK Stack: 2020-2021
Technologies: Kafka and Zookeeper, Elasticsearch, Logstash, Kibana, syslog
Created an end-to-end pipeline to extract logs data from the product using rsyslog and streaming the logs through kafka and integrated it with Logstash for using it with ELK Stack. This provides the data reliability and secure connection between syslog and ELK.

Let's Encrypt Client for Https Certifications: 2020
Technologies: Java, acme4j (package), JSP, python, flask, acme(python-library).
Created a client to generate free https certificates using Let's Encrypt and acme4j library for implementation of ACME protocol and keep track of the certificates like renewal, revocation etc.

Geospatial Analysis on Starbucks Store Location   2019
Technologies: Python, QGIS, Libraries: Folium and Geo-pandas.
Geocoding of missing location coordinates and Assessment of stores performance on the basis of population, income, age, and other attributes.

REFERENCES

Rohit Singh
Geospatial Data Scientist, Near India Pvt. Ltd.
rohitsinghsalyan@gmail.com | +91-8310294754