Vishal Lama

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Profile

- A Software Engineer with 2.4+ years of experience in microservice development.
- Good exposure of SDLC- working with agile software development methodology and in scrum environment.
- Excellent communication, analytical, problem solving and documentation skills.

Experience

JAN 2019 – PRESENT/ Amdocs, Pune, India

- Software Developer/ January 2021 – Present
  - Developing and representing D1 suite product to a Philippine telecom.

- Acting Scrum Master for Intern'20 /January 2020 – May 2020
  - Designed and developed a comprehensive Internship plan including training and user stories.
  - Conducted Scrum Ceremonies.

- Associate Software Engineer/ June 2019 – December 2020
  - Developed Digital ONE suite for Russian Telecom client.

- Software Engineer Intern / Jan 2019 –May 2019
  - Designed and developed a TMF compliant, microservice based Product: Loyalty Management.

NOV 2020 –DEC 2020/ Pianalytix Edutech PVT LTD, Telangana, India

- Machine Learning Research Intern

JUN 2017 –JUL 2017/ Vizara Technologies PVT LTD, Delhi, India

- Knowledge Representation Research Intern

Education

MAY 2019

Master of Computer Applications / National Institute of Technology, Kurukshetra
9.19/10 CGPA

MARCH 2016

Bachelor of Computer Applications / Panjab University, Chandigarh, India
71.16 %

Publication

Digitization of Disaster Management: A Multimedia Ontological Approach

Lama V., Jain S. (2019) Digitization of Disaster Management: A Multimedia Ontological Approach. In: Fong S., Akashe S., Mahalle P. (eds) Information and Communication Technology for Competitive Strategies. Lecture Notes in Networks and Systems, vol 40. Springer, Singapore.
https://link.springer.com/chapter/10.1007%2F978-981-13-0586-3_20

Technical Skills

- Microservice, YAML, REST API, Design Pattern, Data Structure
- Programming Languages: Java, Python, C++, C
- Data Science: Data Analytics, Visualization, Classification and Predictions
- Knowledge Representation and Reasoning (AI): Ontology, Knowledge graph
- Semantic Web Technologies: RDF, XML, JSON, OWL, SPARQL, MOWL
- Database: RDBMS, NoSQL Couchbase
- Framework: Springboot, JUnit, Rest Assured, Apache Jena, Numpy, Pandas, PyTorch,
- Tools: Jira, GIT, Maven, Openshift, Camunda (BPM Engine), Kafka, IntelliJ, Jupyter Notebook

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Projects

• Investment Portfolio Analysis

Using EDA and visualization the project aids in determining the percentage allocation out of total investment amount to each stock to get the maximum RoR as whole.

• BrowseJAIV: A Multilingual Semantic Web Portal

A semantic web application based on knowledge representation using ontology to digitize data and facts related to Indian Biodiversity in various Indian languages.

• Ontology Based Recommender post natural disaster (for DRDO)

The project generates recommendations and necessary actions to be taken post disaster to mitigate its repercussions. My contribution was to design SPARQL queries.

• Knowledge Representation of Domain using Ontology

Designing "The Heritage City" ontology in OWL/RDF using CIDOC-CRM and "7 Ancient Cities of Delhi" ontology using Multimedia-OWL (MOWL) constructs.

Courses and Certifications

• Data Analysis with Python: Zero to Pandas

Activities

- 1st position and the Youngest Speaker, Amdocs Development (AD) Talk during AD celebration'20.
- Volunteer, Employee Care Committee, AD- MSCC.
- Campus Ambassador to VISAKA- MHRD initiative to promote cashless society and digital economy, NIT Kurukshetra