Karan Raghani

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Objective

Aspiring graduate student majoring in Computer Science with 3 years of experience in programming and SAP Enterprise Information Management tools. Strong commitment to team environment dynamics with the ability to contribute individually as well. Strong problem-solving skills with interest in machine learning and distributed systems.

Education

M.S. in Computer Science, University of Illinois at Chicago **May 2021**
Relevant Coursework: Algorithm Design, Distributed Object for Cloud Computing, Natural Language Processing

B.E. in Computer Science, PES Institute of Technology **July 2016**
Relevant Coursework: Data Structures, Operating Systems, DBMS, Object Oriented Programming

Technical Skills

Programming Languages:	Python, ABAP, Java, JS, HTML5, Scala
Applications:	**SAP** BODS, S/4HANA, MDG
Frameworks and Tools:	Django, MySQL, Apache Hadoop, MongoDB, AWS EMR, TensorFlow, Spark, Git

Professional Experience

Development Associate Consultant, SAP India Pvt. Lmt. **07/2016 – 06/2019**

Certified Data Management Consultant with experience on Enterprise Information Management (EIM) solutions such as, Business Object Data Services **(BODS)**, SAP Master Data Governance **(MDG)**, **S/4 HANA** and **ABAP** Development tools.

- Conferred with clients from various sectors like, provider of annuities and life insurance, state's public health system, heavy machinery, sports and fashion attire and electronic manufacturers.
- Developed complex Extraction Transfer Load (ETL) objects using BODS, S/4HANA Tools.
- Developed workflows for context-based routing, successor change request, dynamic agent routing.
- Built and delivered solution experience scenarios for customers to highlight new MDG features.
- Part of focus group team developing POCs on Integrating current SAP solutions with Artificial Intelligence software such as Chatbots, Predictive Analytics using Recast.AI and Leonardo.

Academic Projects

Early Detection and Classification of Melanoma. **08/2015 – 03/2016**

- The study processes the image of melanoma lesions using Wavelet-based denoising.
- Fuzzy Logic and Evolutionary Programming were used to classify the lesion as benign or malignant.
- Executed on MATLAB the study gave a good accuracy of 71 –75 % melanocytic discrimination.

Twitter Sentimental Analysis **08/2014 – 01/2015**

- Sentiment Analysis of tweets on trending topics to determine the overall polarity towards them.
- Key feature extraction from the corpus and use of Naïve Bayes Classifier to classify good and bad tweets.

Vritant (Blogging Website) **02/2014 – 06/2014**

- The website was made using Django, python web framework and is deployed on Heroku (PaaS).
- Website features user authentication, user comments, draft mode, published mode and likes.

Certifications

ABAP with SAP NetWeaver 7.40 **2016**