Omendra Kumar Manhar

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EXPERIENCE

Application Development Analyst   Mar. 2020 - Present
Accenture | Heerlen, NL

Worked on various machine learning and engineering projects to realize chatbots and learning models while also integrating them with web applications.

- **Developed** text document analysis too (**python**)l through **sentiment analysis** and **topic modeling**.
- Built an occupation recommender system (**python, nodejs**) based on **linear regression** and **gaussian models**.
- Implemented an **automation and integration testing** architecture with **CI/CD** pipelines (**azure** devops).
- Deployment and training of machine learning pipelines on **AWS**.

Data Science Intern   Feb. 2019 - Jan. 2020
Accenture | Heerlen, NL

- Trained **deep learning** (customized **transformer**) models on a large(1.27GiB) **dataset**.
- Performed analysis of **neural networks (LSTM)** in **sequence-to-sequence** architecture for generating text.
- *Evaluated* models on a novel dataset (webhose.io).
- Analysis of multilingual dataset from "ACL Statistical Machine Translation Workshop 2019"

Senior Software Engineer   Oct. 2017 - Jan. 2018
Cybage | Pune, IN

- Led a team of 3 developers to deliver application features and implement automation.
- Wrote unit tests to improve code coverage across all applications (from ~60% to ~96%).
- Oversaw build and deployment of features on release cycles (bi-weekly).

Software Engineer   Jul. 2013 - Sep. 2017
Cybage | Pune, IN

Worked on various API management applications, analytics features and performed peer code reviews.

- **Delivered** a fully realized web application framework for managing **REST APIs**.
- Completed **full-stack** development of **streaming API** platform using (python and angular).
- Managing and **analysis of usage logs and data** to resolve issues and improve product performance.

EDUCATION

Maastricht University | Master of Science in Artificial Intelligence   Graduated Feb. 2020
Birla Institute of Technology | Bachelor of Engineering in Computer Science   Graduated May. 2013

SKILLS

Programming Language: python, java, javascript, php
Modules and Frameworks: django | node.js | gensim| pytorch | angular | backbone | keras | tensorflow | grails
Cloud: azure | AWS |
Database: PostgreSQL | MySQL | SQL
Others: docker | git | jira | jenkins | object oriented programming | machine translation | deep learning

PROJECTS

Maastricht University | Multilingual transfer in automatic summarization   Sep. 2019 - Jan. 2020
Accenture | Semi-automatic document comprehension using Machine Learning   Feb. 2019 - Aug. 2019
Maastricht University | Forecasting the Forex market using neural networks   Sep. 2018 - Jan. 2019
Maastricht University | Recommender system for researchers and future research proposals   Feb. 2018 - Jun. 2018

CERTIFICATES

Machine Learning | Coursera   Oct. 2017