

ROHAN JAGTAP

Location: Mumbai, India | Contact: +91-7208435227 | Email: rohanj30@icloud.com | LinkedIn: linkedin.com/in/rojagtap
Homepage: rojagtap.github.io | Scholar: user=yYAk8AAAAAJ | GitHub: github.com/rojagtap | Blog: medium.com/@rojagtap

EDUCATION

B.E. Computer Engineering: Sardar Patel Institute of Technology 2020, Mumbai, India
• **CGPA:** 8.73 / 10

PUBLICATIONS

Healthcare Conversational Chatbot for Medical Diagnosis (Book Chapter) October 2020
• A modified Hierarchical Recurrent Encoder-Decoder(HRED) architecture for diagnostic chatbots.
• **Webpage:** igi-global.com/book/handbook-research-engineering-business-healthcare/239914

An In-depth Walkthrough on Evolution of Neural Machine Translation April 2020
• An exhaustive study of the past as well as the recent trends in Neural Machine Translation.
• **URL:** arxiv.org/abs/2004.04902

WORK EXPERIENCE

Member of Technical Staff at VMware Inc. Remote-Office, India
Full Time July 2020 - Present
• Design and development of highly scalable microservices that leverage the Microsoft Azure Cloud and IOT Hub Infrastructure
• Provided around 25 fixes for on-call customer escalations so far
• Redesigned and revamped the entire automation framework for the App Volumes for Horizon Cloud on Microsoft Azure
• Contributed to DevOps by setting up pipelines, environment migration, integrating security tools, writing shell scripts, etc.
• Serving as a scrum master to facilitate agile practices to the larger team
• Serving on the interview panel for hiring

Intern January 2020 - July 2020
• Built a Notification Microservice from scratch using Spring Boot.
• Developed a Database Migration Tool in Ruby for a cross-platform feature migration.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Ruby, C, C++
- **AI:** Deep Learning, Natural Language Processing, Machine Learning, Reinforcement Learning
- **Frameworks:** Django, Spring Boot, Flask
- **Databases:** PostgreSQL, MongoDB

CERTIFICATIONS

TensorFlow Developer Certificate June 2020 - June 2023
• **Credential Link:** credential.net/c53be2df-3dao-40d1-83f6-d6627fa0ed8b

NPTEL: Reinforcement Learning October 2019
• **Score:** 77/100 (#2 in India. [Link](#))
• **Certificate Link:** npTEL.ac.in/noc/Ecertificate/?q=NPTEL19CS55S41820719191052649

ACHIEVEMENTS

Winner, Technical Paper Presentation Competition - SPIT, Mumbai November 2019
• Departmental Technical Paper Presentation Competition Organized by the Research and Development Department of Sardar Patel Institute of Technology.

Runner Up, Sangam - ML Hackathon By IIT Madras Alumni Association August 2019
• To derive a formula for Air Quality Index (AQI) and predict AQI in temporal as well as spatial dimensions with visualizations.
• **Github:** github.com/rojagtap/sangam2019

Winner, Smart India Hackathon, 2019 Software Edition March 2019
• An Extractive Text Summarizer to make insurance documents more comprehensive for the customers
• **Github:** github.com/rojagtap/voice-over-insurance-protocol

PROJECTS

Abstractive Text Summarizer (Transformer) May 2020
• Implementation of 'Attention is all you need,' Vaswani et. al., 2017
• **Github:** github.com/rojagtap/abstractive_summarizer
• **Blog (Theory):** towardsdatascience.com/transformers-explained-65454cof3fa7
• **Blog (Implementation):** medium.com/swlh/abstractive-text-summarization-using-transformers-3e774cc42453