

ROHAN JAGTAP

Location: Mumbai, India | Contact: +91-7208435227 | Email: rohanj30@icloud.com | LinkedIn: linkedin.com/in/rojagtap
Homepage: rojagtap.github.io | Scholar: user=y-YAk8AAAAAJ | 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 Azure Marketplace Applications for supporting platform-agnostic cloud products
 - Designed Azure ARM Templates for resource deployment via Azure Marketplace
 - Implemented plug-and-play PowerShell modules for supporting product onboarding and setup for Azure Marketplace as well as AWS AppStream
- Design and development of highly scalable microservices that leverage the Microsoft Azure Cloud and IOT Hub Infrastructure
 - Implemented event streaming using Spring for Apache Kafka
 - Implemented a novel peer-to-peer caching solution with Spring Gemfire
- Provided approximately 50-75 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/Scripting Languages:** Java, Python, C/C++, PowerShell, Bash, Ruby, ARM - Bicep
- **AI:** Deep Learning, Natural Language Processing, Machine Learning, Reinforcement Learning
- **Frameworks:** Spring Boot, Azure Resource Manager, Django, Flask, Ruby on Rails
- **Databases:** PostgreSQL, MongoDB

CERTIFICATIONS

NPTEL: Reinforcement Learning

October 2019

- **Score:** 77/100 (Rank #2 in India. [Link](#))
- **Certificate Link:** npTEL.ac.in/noc/Ecertificate/?q=NPTEL19CS55S41820719191052649

ACHIEVEMENTS

Winner, EUC India Innovation Week: Shark Tank and Product Booth - VMware

September 2023

- Pitched a prototype for a novel self-healing engine for softwares in Shark Tank
- Presented an upcoming VMware product at the Product Booth

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