

ROSHNI YASMEEN SHAIK

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SUMMARY:

Well rounded developer and Machine Learning enthusiast with around 1.5 years of extensive hands-on experience in development of Microsoft Dynamics 365 and strong expertise in building advanced Machine Learning Models at Microsoft India Pvt. Ltd.

EDUCATION AND PROFESSIONAL CERTIFICATIONS:

532 Developing Microsoft Azure Solutions Certification	May 2018
Microsoft Certified Professional	Dec 2017
MB6-890 Microsoft Dynamics AX Development Introduction Certification	
Bachelor of Technology – Computer Science and Engineering, 82.2%	Sep 2013 – May 2017
Jawaharlal Nehru Technological University, Hyderabad, India	
Secondary High School, 97.2%	Apr 2011 – Mar 2013
Sri Chaitanya Junior College, Hyderabad, India	
S.S.C (Secondary School Certificate), 91%	Apr 2010 – Mar 2011
Bhashyam Public School, Hyderabad, India	

HIGHLIGHTS OF SKILLS AND EXPERIENCE:

Microsoft Dynamics, D365:

- Hands-on experience working with broad range of modules in Microsoft D365 for Finance and Operations such as Retail, Warehouse management.
- Skilled in data migration and management framework through data entities and their import/export.

Data Science:

- Strong Expertise in building advanced Machine Learning Models and Hypothesis testing with Statistics.
- Hands-on experience working with broad range of Analytical Modelling techniques such as Regression, Time Series, Clustering, Classification, Feature Engineering, NLP.
- Skilled in Data Analytical tools such as R, Python and Azure Machine Learning Studio.

Additional Skills/Knowledge:

- Programming Languages: C, C++, Java, Python, R Programming, SQL, X++, Microsoft.Net
- Operating System: Windows, Linux

Leadership and Personal Skills:

- Led a session on the incorporation of Azure Cognitive Services with Microsoft Dynamics at conference, Microsoft Ready 2018, Las Vegas, NV, United States.
- Led and trained new hires on the offerings and architecture of our company's Microsoft Dynamics Platform as a service. Exceptional communication, interpersonal and organization skills.
- Fast learner and ability to prioritize multiple tasks and ensure all the deliverables are met on time & efficiently.

WORK EXPERIENCE:

Microsoft India Pvt Ltd, Hyderabad, India

July 2017 – Present

Software Developer

- Worked in multiple projects on Microsoft Dynamics 365 and D365 for Retail for the development of varied functionalities of an enterprise such as to drive business results with next-generation, multi-channel applications that infuse artificial intelligence (AI), mixed reality, social, and mobile capabilities for rapid innovation.

- Experience with and knowledge of SDLC methodologies and implementation/release management best practices, especially Agile methodology, Sure Step 365.

PERSONAL PROJECTS [\[GitHub\]](#):

Smart Maintenance of Toilets

Feb 2018

- Developed an IoT-based solution, which will enable civic bodies to track maintenance indicators like water levels in the tanks, lighting, foul smell detection, and usage patterns by identifying the age and gender of the users, while planning maintenance activities.
- Created on Raspberry Pi which has three sensors—a light sensor, a camera, and a methane sensor. The camera will use Microsoft's Face Cognitive Service and data from the IoT sensors will be analyzed and processed Stream Analytics and Event Hub.
- Power BI is used to gain insights from the data to share relevant reports.

Convolutional Neural Networks for sentence classification

Nov 2017

- Implemented Convolutional Neural Networks with an embedding layer, hidden convolution layer, in python to predict the polarity of a sentence.

Stock prediction using Neural Networks

Aug 2017

- Developed a simple deep learning model for stock prediction using TensorFlow.
- Developed neural network model contains of four hidden layers, an input layer and an output layer. Rectified linear Unit activation function, Adaptive Moment Estimation optimizer is being used.

Sentiment Analysis of movie reviews

Mar 2017

- Implemented Machine Learning classification algorithms and optimized them to predict the polarity of a sentence.

Adaptive Quiz Application

Feb 2016

- VB.Net application with complete functionalities of a quiz system with adaptive questions in different fields.
- Performed analysis using R programming to give insights about the data where the test takers scored most in a field of study.
- Built Machine Learning models to assess student's performance and generate adaptive test based on the previous questions.
- Recommender system was built to give suggestions to the test takers about the various tests they might be interested in, based on their previous tests taken.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS:

Microsoft, India

- Achieved second best project for development of a prototype of Smart maintenance of Toilets at Hackathon workshop.
- Organized and volunteered many activities at Microsoft, India to enhance employee engagement.
- Actively involved in volunteering, IP-Harvest initiative by encouraging multiple project teams to re-use and harvest IP which in turn has reduced the effort and time of the delivery of the project.

Jawaharlal Nehru Technological University, Hyderabad, India

- Coordinated multiple events like IHack Workshop by EI Systems in Jawaharlal Nehru Technological University, Hyderabad.
- Participated in multiple coding competitions.
- Accoladed for Web Development and SEO Workshop by Goyal Infotech Technologies.