

# ANKUSH PAUL

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## OBJECTIVE

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An inquisitive student of Computer Science with 3 years of experience as a professional full stack developer, seeking full-time roles.

## EDUCATION

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- University of Texas at Arlington** Arlington, TX  
*Master of Science in Computer Science; GPA: 3.857* Aug. 2020 – Dec. 2022  
**Outstanding Graduate Student Award-2021**  
*Courses: Machine Learning, Neural Network, Data Mining, Bio-informatics, Web Data Management, Advanced Topics in Database, Data Analysis and Modeling Techniques, DBMS Models and Implementation, InfoSec*
- Birla Institute of Technology and Science – Goa Campus** Goa, India  
*Bachelor of Engineering in Chemical & Master of Science in Physics* Aug. 2012 – July. 2017

## SKILLS

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<b>Programming Languages</b>	: Python, C#, Java, C
<b>Database</b>	: SQL, MongoDB, nHibernate
<b>Web Development</b>	: HTML, CSS, JavaScript, TypeScript, PHP, ASP.Net MVC, ExtJS, React, Angular
<b>Libraries and Tools</b>	: Jupyter, TensorFlow, PyTorch, Visual Studio, GIT, SVN
<b>Cloud Platform</b>	: Azure

## EXPERIENCE

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<b>Graduate Teaching Assistant</b>	Aug 2021 - Dec 2021 & Aug 2022 - Dec 2023
University of Texas at Arlington - CSE department	Arlington, TX

- **Course:** CSE 3315 - Theoretical Concepts in Computer Science and Engineering
- Monitoring class, proctoring and grading exams, conducting office hours and help students with their queries.

<b>Software Engineer</b>	Jun 2017 - Oct 2020
BlueYonder (formerly, JDA Software)	Hyderabad, India

**Team:** Enterprise Store Operations Back Office System, Product Development

- Developed and maintained Restful Public APIs, on ASP.NET platform and responsive web UI on ExtJS.
- Resolved high priority defects and bugs with efficiency to enhance the web-app experience.
- Experienced working in an Agile/Scrum environment.

### Highlights:

- Awarded SPOT award for my promptness at handling customer issues.
- Awarded INNOVATION award for my work in mobile PoC of our web-app.

<b>Intern</b>	Jan 2017 - Jun 2017
BlueYonder (formerly, JDA Software)	Hyderabad, India

**Team:** Enterprise Store Operations Back Office System, Product Development

- Developed scripts for QA automation using Selenium and Cucumber.

## PROJECTS

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- **Diabetes and Heart Attack Risk Predictor :** Trained an ML model on a publicly available dataset to predict the chances of diabetes and risk of heart attack. Model was converted to a service and hosted on a website for public use.
- **UMAP embedding on RNA-seq dataset :** Generated UMAP embedding where each point is a cell, applied clustering and labeled cell types for a publicly available dataset from National Center for Biotechnology Information.
- **Social Networking website for Refugees :** A service specifically designed for the needs of refugees to connect with their community and, help and serve each others. Includes services like making friends, forming groups, group chatting and many more, This was built on Laravel framework.
- **Image Classifier** Trained an image classifier based on the publicly available CIFAR-10 dataset using Tensorflow and Google Colab platform.
- **FAT32 File Reader :** A user space shell application that is capable of interpreting a FAT32 file system image
- **Implemented :** Naïve Bayesian Classifier, K Means Clustering, Multi Neural Network class, Malloc function for linux