

NITHISH KUMAR

IRVING, TEXAS, 75063; 2144449722; nithishk765@gmail.com

www.linkedin.com/in/nithish--kumar

EDUCATION

The University of North Texas,

Master of Science, Computer Science

Jan 2023 - May 2024

GPA 3.7

The University of Texas at Dallas,

Master of Science, Information Technology and Management

Aug 2022 – Dec 2022

Jawaharlal Nehru Technological University, Hyderabad

Bachelor of Technology, Computer Science and Engineering

July 2016 – Dec 2020

TECHNICAL SKILLS

Certifications:- Google Analytics, AWS Certified Developer Associate, Kubernetes Application Developer(In progress)

Analytics Tools:- Tableau, PowerBI, SPSS

Programming:- Python, Java, PL/SQL

Cloud Technologies:- AWS EC2, GCP, Oracle Cloud, Azure

Tools and Framework:- CI/CD Pipeline, Jenkins, Docker, JIRA, SpringBoot, MS Project Professional

Web Services/API :- SOAP, REST API,

Operating System:- Linux, Windows

Methodologies/Framework:- Agile/scrum, Waterfall, Iterative

Databases:- SQL, Oracle, MS SQL server

Virtualization/containers:- Docker, Kubernetes(Kubectl, Minikube), Terraform, OpenShift(In progress)

Version Control:- GIT

IDE:- Visual Studio

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant at University of North Texas

Jan 2024 – Present

- Assisting Dr. Zeenat Tariq for the course Scientific Data Visualization which covers Tableau, PowerBI, D3.js, Python, JavaScript, Figma, VizHub.
- Assisting Professor with Course Lectures, Grading and clarifying Students Doubts related to the course.
- Instructing the class in absence of professor and Assisting in Creation of Slides and Assignments.

Defense Research and Development Organization

May 2018 – July 2018

Machine Learning Intern

- Worked closely with scientists at Advanced Systems Laboratory(ASL) to ensure 100% accuracy on statistical results and implemented linear regression-based algorithms on various datasets using Python programming language at Advanced Systems Laboratory (ASL).

ACADEMIC PROJECT EXPERIENCE

Crime Registration and Awareness

Jan 2020 – May 2020

- constructed a chatbot that transmits 90% crime data to the police department's crime unit, where it logs 100% crimes and assigns a case ID. The bot's architecture also includes a function that informs users of the regulatory standards they must abide by.

MAC Spoof Detector

Oct 2019 – Dec 2019

- built a tracking system-based application that notifies the owner every 5 minutes when a suspicious Mac address change is detected. It was performed on 35 devices and showed Approx. 95% Accurate results.

ADDITIONAL POINTS

- Applied cloud Technologies such as AWS EC2, GCP, Oracle cloud etc.. in various projects which demonstrate my versatility in cloud platforms.
- Implemented CI/CD Pipelines, Jenkins, Docker, and JIRA for effective Project Management and Deployment of the project.
- Certified AWS Developer and Hands on working with AWS cloud Development and Deployment.
- Closely Worked with Dr. Ravi Vadapalli to identify Diabetes Using Retinopathy using ML Algorithms apart from my course work.

ORGANIZATIONS/RESPONSIBILITIES

- | | |
|---|---------------------|
| • Graduate Teaching Assistant at University of North Texas. | Jan 2024 – Present |
| • AWS club, UT Dallas, <i>Club Member</i> November | Aug 2022 – May 2023 |
| • Computer society of India (CSI), Hyderabad, <i>Vice-President</i> | Aug 2017 – Aug 2020 |

ADDITIONAL INFORMATION

Languages: English, Telugu, Hindi.

Eligibility: Eligible to work in the US for internships and full time for up to 36 Months.