

NITHISH KUMAR AMJOLU

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EXPERIENCE

Teaching Assistant - IT Project Management

Sept 2024 - Present

George Mason University

- Graded student submissions and provided constructive feedback.
- Managed and organized assignment submissions to ensure timely completion.
- Proctored exams to maintain academic integrity.

Junior Django Developer - Aggne

July 2022 - May 2023

- Built and maintained scalable web applications for insurance workflows using Python Django.
- Designed RESTful APIs to integrate backend services and streamline operations.
- Collaborated with Agile teams to deliver and deploy Django-based cloud solutions.
- Optimized database models and queries to improve application performance and reduce load times

PROJECTS

Analyzing User Engagement and Retention on Spotify:

- Used *ZOHO Analytics* and Python to analyze data and create visualizations.
- Studied popular Spotify charts to understand how users behave and what they like.
- Offered suggestions to improve user engagement and marketing strategies based on data insights.
- Worked with various teams, including leadership, product development, marketing, and data governance.

Space-Chat – Real-Time Messaging App

- Developed a real-time chat application with private and group messaging capabilities, featuring user authentication, friend management, and live typing indicators, demonstrating strong full-stack development skills.
- Implemented WebSocket-based real-time communication using Django Channels, with a responsive UI built using HTML5/CSS3, showcasing expertise in both backend architecture and frontend design.

EDUCATION

GEORGE MASON UNIVERSITY

Aug 2023 - Present

Master of Science in Data Analytics Engineering, Grade : 3.96 / 4

Relevant Coursework: Decision Analysis, Visualization for Analytics, Big Data Essentials, Big Data Needs Analysis, Principles Data Management/Mining, Analytics Big Data to Info.

NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH

Graduated in July 2023

Bachelor of Technology in Electrical Engineering, Grade : 3.85 / 4

Relevant Coursework: Problem Solving and Computer Programming, Data Structures, Database Management Systems (DBMS), Design and Analysis of Algorithms, Basics of Java Programming, Fundamentals of Internet of Things.

SKILLS

Languages - Python, C, C++, Java, JavaScript.

Data Science - TensorFlow, PyTorch, Keras, XGBoost, scikit-learn, OpenCV, Natural Language Processing (NLP), NumPy, Pandas, Matplotlib, Seaborn.

Database Systems - MySQL, OracleDB.

Web Development - HTML, CSS, React.js, Node.js, Angular, Bootstrap, RESTful APIs, Figma, Apache Tomcat.

CERTIFICATIONS

Python Django - The Practical Guide - UDEMY(Maximilian Schwarzmuller)

NON-TECH EXPERIENCE

Help desk specialist

May 2020 - Apr 2021

- Redirecting unanswered questions to the appropriate support level.
- Demonstrate the process of problem-solving to students and parents

Event coordinator

May 2019 - Apr 2020

- Was responsible for coordinating and integrating all other operations within an event and its associated venues.