Murali Krishna Korikana

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EDUCATION:

Georgia Institute of Technology   **Atlanta, GA**
Master of Sciences, Computer Science   *Graduation: December 2024*

J.N.T. University (Kakinada)   **Vizianagaram, AP, India**
Bachelor of Technology, Information Technology

PROFESSIONAL EXPERIENCE:

Georgia Institute of Technology   **Atlanta - GA, US**
Graduate Teaching Assistant   *January 2024 – Present*

- Supporting the Instructor with classroom activities, discussions, grading in the CS-4660 Education Technology.

Zenoti   **Hyderabad, India**
Software Development Engineer   *September 2021 – July 2023*

- Developed the cross-platform marketing module in the Small Business unit of Zenoti using Flutter and .NET.
- Implemented target segment and macros features for campaign creation which was used by 25000+ businesses.
- Integrated ChatGPT within the campaign creation for creative email suggestions.
- Delivered contextual campaigns feature, leading to a 42% surge in business campaign utilization within a month, driving enhanced engagement and conversion rates.
- Developed UI Mock-ups for the web applications using Angular Framework and integrated with AWS Services like Cognito, S3, DynamoDB, etc.
- Customized the CodeMirror (Web-based Editor) and integrated it into the Internal Applications.
- Integrated Payeezy and Stripe Payment gateways for smooth payment processing experiences.

PERSONAL INITIATIVES

Feature-Specific Product Recommendation System

- Web Application that suggests products targeting features based on reviews using Sentiment Analysis.
- Applied sentiment analysis on large amounts of the dataset from Amazon product reviews to categorize the sentiment of the product into positive, negative, and neutral based on comments for a specific feature in products.

Alzheimer's Detection Using Machine Learning

- Compared supervised & unsupervised learning methods using MRI scans to detect Alzheimer's, GitHub Page.

Dev Challenges & Mentorship

- My-Timesheet, an internal Slack bot developed in Python to fill the timesheets hosted in Google Sheets and send reminder notifications.
- Pig-Beautifier, a file beautifier that supports multiple languages, Demo Link.
- Problem-Solving Mentor at Smart Interviews discussed problem-solving techniques and students' doubts.
- Volunteering at Clifford Lab under Professor Dr. Gari Clifford, contributing to software development in biomedical projects.

RELEVANT COURSEWORK

CS7641 – Machine Learning | **CS7646** – Machine Learning for Trading | **CS6476** – Computer Vision | **CSE6242** – Data Visual Analytics

TECHNICAL SKILLS

Languages & Databases: C++, C#, Python, JavaScript, HTML, CSS, PHP, DynamoDB, MS SQL
Frameworks & Tools: Angular 2+, .NET Core, Serverless, Git, SASS, Flutter
Certifications: AWS DevOps Engineer – Professional, Hacker Rank – Problem Solving