NITESH KUMAR PANTHULU

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PROFILE

Aspiring Software Developer with hands-on experience in full stack development using ASP.NET, React, and SQL. Eager to contribute to building scalable, secure, and cloud-integrated solutions while continuously learning and growing with an innovative tech team.

SKILLS

- C#, Python, JavaScript
- HTML,CSS, React.js, Bootstrap
- MySQL, SQL server, MongoDB
- AWS practitioner
- Restfull API, Postman
- Creative Thinking
- Data Analysis
- Problem Solving
- Adaptability to Change

ACHIEVEMENTS

- Winner: Best AI/ML Project Award at AVN Tech Fest 2024
- Winner of interschool Football Competition
- Winner of the best Candidate in NCC

LEADERSHIP

- Led the team at Google DevFest, GDC Mangalore.
- Core Member of Google Developer Student Club (GDSC), AVN Campus.
- Served as House Captain in school, organizing events and leading the House team in various activities.
- Captained the interschool football team, leading to multiple tournament participations.
- Led the NCC Junior Division group, managing drills and team coordination.

EDUCATION

AVN Institute Of Engineering and Technology
BTech   **2021-2024**

TKR Institute Of Engineering and Technology
Diploma   **2018-2021**

ST Patricks High School
Primary Schooling   **2018**

WORK EXPERIENCE

Adwaith Brahma Tech Solutions   Feb-July-2025
- Developed full-stack web applications using ASP.NET, React, and SQL Server with robust CRUD operations.
- Built and consumed RESTful APIs, integrating front-end and back-end for scalable and efficient solutions.
- Collaborated with Agile teams to enhance code quality, perform code reviews, and resolve bugs through iterative development.

PROJECTS

AI Image Generator using OpenAI & Cloudnary

- Designed and developed a user-friendly AI image generation tool using the OpenAI API and React-based front end.
- Built an intuitive and responsive UI to simplify the image creation process for users.
- Enabled prompt-based image generation to streamline workflows and reduce manual design efforts.
- Improved accessibility for non-technical users through seamless interaction and real-time output visualization.

Offensive Meme Detection System (Deep Learning)

- Applied CNN and LSTM models with NLP preprocessing to classify offensive memes with high accuracy.
- Deployed the model as a RESTful API using Flask for real-time meme analysis.
- Created custom dashboards to visualize predictions and model performance interactively.
- Implemented the solution on Google Cloud Platform using AutoML Vision and BigQuery for scalable storage, querying, and analysis of large datasets.

Complaint Management System

- Designed and developed a Blazor-based web platform for real-time user complaint management.
- Implemented features such as automated email alerts, role-based access control, and SQL Server database integration.