Amruta Kulkarni

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Professional Summary

Passionate computer engineer specializing in software solutions with a focus on impact. Dedicated to crafting clean, effective products that simplify lives. Proficient in ML/AI, IoT, and web development, with a knack for solving business problems through data and algorithms. Strong technical skills, demonstrated leadership in various undergraduate projects, and a recent master's degree in Computer Science (AI/ML) from VIT, Vellore. Interned at Ford Motors and currently applying expertise as an Analyst at Capgemini.

Experience

Analyst, Capgemini. Mumbai, Maharashtra

Dec. 2022 - Present

- 1. Roll-Off Management:
 - 1. Developed a web application using .NET Web API, Angular & MySQL.
 - 2. It is implemented to make roll off process easier for all departments involved and reduce the repetitive tasks.
- 2. Ideas Innovation Portal:
 - 1. Developed a web application using .NET Web API, Angular & MySQL.
 - 2. It is implemented to make a innovation portal for employees to add new innovative project ideas and be a part of planning and development process.

Graduate intern, Ford Motors Pvt Ltd.

Aug. 2021 - Jun. 2022

- Developed and Implemented an application to extract CAD images from a document using OpenCV and OCR and convert them to structured tabular format.
- Worked on a POC for CAD data execution using data visualization tool like Qlik sense along with Django, Catia v5.
- Worked on a UI of the application for CAN bus module using multiple technology such as powerapps, python, flask.

Education

Vellore Institute of Technology, Vellore, TAMIL NADU

Masters of Technology, CSE with specialization in AI & ML, Jun. 2022

SSVPS'S College

Bachelor of Engineering, Engineering, Jul. 2020

J. R. City Junior College, Dhule, MAHARASHTRA

HSC, Science, Jun. 2016

Projects

- 1. Smart mirror using raspberry pi: The goal of the smart mirror was to reduce time needed in a user's daily routine and provide a merger of user and technology that becomes an enhancement, not a new burden. The smart mirror did the thinking for the user with intelligent, commonly used applications. Apps like their calendar, music, news, Twitter, to-do lists, and weather will be available.
- 2. Website for government scheme for farmer: The goal of this website is to provide a secured and transparent system which enable farmer to directly apply for a scheme and track the status from time to time and know whether user is entitled to receive the fruit or the application is rejected by officials.
- 3. **Detection of Cyberbullying using Machine learning:** It is difficult to manually detect the cyberbullying cases. Whereas automatically detecting such incidents needs intelligent and autonomous systems. Machine learning can help in detecting the pattern bullies mostly use, thus reducing the cyberbullying actions. Development of a machine learning (ML) approach using various algorithms for the detection and prevention of cyberbullying is proposed.

Certifications

- Azure Fundamentals AZ-900
- Azure Administrator Associate AZ-104
- Certificate of Appreciation from Ford Motors
- Internship Completion Certificate from Ford Motors
- Cloud Computing
- Python
- C
- Web Development

Extra-Curricular Activities

- · Hand Ball district level winner
- Throw Ball district level winner
- Best Actress in Annual Gathering

Useful Links

LinkedIn

Github

PHP Python Angular Qliksense **Bootstrap** C# **MVC** MySQL **PowerApps** Languages

Skills

English

Hindi

Marathi

.Net