UPDESH KUMAR

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Education

SRM University	**2021 − 2025**
Bachelor of Technology in Computer Science, CGPA: 8.05	*Guntur,Andhra Pradesh*
Vidyagyan School	**2020 − 2021**
CBSE Class XII Board Percentage: 95.4%	*Bulandshahr, Uttar Pradesh*
Vidyagyan School	**2018 − 2019**
CBSE Class X Board Percentage: 94.8%	*Bulandshahr, Uttar Pradesh*

Internships

SRM University   **June 2023 − August 2023**

Research Intern   *Guntur, Andhra Pradesh*

- Spearheaded a pioneering project at SRM University AP, leading the development of a cutting-edge Hate Speech Detection model that achieved an outstanding accuracy of 93.33% and revolutionized online content moderation techniques.
- Managed the integration of cutting-edge machine learning techniques, enhancing hate speech detection capabilities and fine-tuning the model for outstanding results, thereby advancing content moderation significantly.
- Authored a 100% report along with technical work like resource gathering, data processing, and recording experimental analysis.

Projects

Unified KYC System | *Software Engineering, Full Stack Development*   **February 2024**

- Engineered a cutting-edge Unified KYC System by leveraging a full-stack development approach; digitized the conventional KYC process for financial institutions and online retailers, leading to a 40% reduction in onboarding time and a 25% increase in compliance accuracy.
- Created a secure database to store customer data, facilitating seamless KYC verification across multiple institutions by generating a unique KYC ID (AASIN) for each individual, ensuring regulatory compliance, and significantly reducing paperwork by up to 80%.

TastyFair | *MERN-Stack*   **August 2024**

- Developed a MERN stack e-commerce platform with features like user authentication, product management, and dynamic cart functionality, ensuring seamless user experience.
- Integrated responsive front-end with bootstrap and built RESTful APIs for secure data handling and efficient backend operations.

Street dog management system | *C++, Project planning*   **August 2022**

- Developed an interface to manage street dogs, including medical care and adoption tracking, improving organizational efficiency and animal welfare.
- Implemented a system to record and monitor stray dogs' health status and adoptions, ensuring humane rescue and protection efforts.

Certifications and Achievements

Scholarship   **2021 - 2024**

- Received a 100% college scholarship covering tuition, accommodation, and food expenses.

Google AI Essentials   **Dec 2024**

- Grade Achieved: 100%

Design & Implementation of Human-Computer Interfaces   **Nov 2024**

- Score Achieved: 84%, Topper- Top 5%

Accenture UK Developer and Technology Virtual Experience Programme on Forage   **April 2024**

- Completed a Developer and Technology Job Simulation, mastering the Software Development Lifecycle and researching emerging DevOps trends.

Technical Skills

Languages: C++, Python, SQL (MySQL), JavaScript, HTML/CSS
Frameworks: React, Node.js, Express.js
Developer Tools: Git, GitHub, VS Code, Cursor
Core Concepts: Data Structures, Algorithms, Object-Oriented Programming (OOPs), Software Development Life Cycle, Database Management Systems (DBMS)