ANURAG KRISHNA

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EXPERIENCE

RPA Developer | *INTERNSHIP* | LINK   Oct 2024 – Dec 2024
UiPath Academy

- Developed **automation workflows** using UiPath Studio to **optimize repetitive processes**.
- Analyzed **business operations** to identify **automation opportunities** and improve operational **efficiency**.
- Achieved **RPA Developer Foundation** and **Automation Developer Associate** certifications, enhancing skills in automation technologies and contributing to a recognized ability to optimize business processes.
- Gained expertise in **automating tasks** involving **Excel**, **PDF**, **email**, and other applications.

PROJECTS

SMS Spam Detection System | *PYTHON* | CODE

- Built a machine learning-based system for detecting spam SMS using **Python** and libraries like NumPy, Pandas, Sklearn, and NLTK.
- Processed and cleaned **5,572 SMS messages**, optimizing dataset quality for enhanced model performance.
- Designed and trained models for spam detection achieving **96% accuracy** for spam SMS detection by performing comprehensive data cleaning, EDA, and vectorization.
- Deployed the model via a Streamlit web app, enabling real-time predictions for **100+ test users**.

URL Shortener | *NODE.JS, EXPRESS, MONGODB* | CODE

- Developed a scalable **RESTful** backend service using Node.js and Express to generate shortened URLs.
- Engineered **custom** alias support and ensured **uniqueness** across entries, reducing link duplication by 100%.
- Integrated MongoDB with Mongoose to store and retrieve over **1,000+** URL mappings with optimized schema design.
- Achieved average redirection latency under **100ms** through efficient querying and indexing strategies.
- Designed modular API architecture with clean routing, enabling easy integration with frontend or third-party services.

8-Puzzle Game | *C#(.NET)* | CODE

- Developed an interactive 8-puzzle game using **C#** in **Visual Studio**, featuring a graphical user interface for sliding tile gameplay.
- Implemented **tile movement** validation, **win condition** checks, and a clean game state management system.
- Implemented three types of questions - categorize, cloze, and comprehension - with drag-and-drop components.

Note-Taking Application | *C#(.NET), MS SQL* | CODE

- Developed a feature-rich note-taking application using **C#** and **Visual Studio** to simplify note creation and management.
- Implemented core functionalities such as note editing and saving, focusing on **user-friendly design**.
- Integrated full **CRUD (Create, Read, Update, Delete)** operations to enable comprehensive note lifecycle management, ensuring a seamless user experience.
- Utilized **event-driven programming** and **local data storage techniques** for an efficient and responsive application.

EDUCATION

Master of Computer Applications (MCA)   Oct 2023 – July 2025
Galgotias University, Greater Noida, Uttar Pradesh

- Relevant coursework: Object Oriented Programming, Data Structures and Algorithms, Software Engineering, Machine Learning

Bachelor of Computer Applications (BCA)   Sep 2019 – Jul 2023
Marwari College, Tilkamanjhi Bhagalpur University, Bhagalpur, Bihar

- Achieved: 71%
- Relevant coursework: Object Oriented Programming, Database Management System, Full-Stack Web Development

SKILLS

Programming Languages: C/C++, Java, JavaScript, Python, C#(.NET)
Frontend: React, Tailwind CSS, Bootstrap, Sass, HTML, CSS, JavaScript, ASP.NET
Backend / Databases: Node, Express, MongoDB, MySQL, MS SQL, Oracle
Tools: Git, GitHub, Postman

CERTIFICATES

The Complete Full-Stack Web Development Bootcamp | CERTIFICATE   Jan 2025
Issued by Udemy, Taught by Dr. Angela Yu

- Built and deployed **full-stack applications** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- Gained proficiency in **PostgreSQL**, **jQuery**, **Bootstrap**, **EJS**, and **RESTful API development**.