Ashutosh Dubey

Final Year Computer Science Undergraduate | VIT Chennai | AWS & Azure Certified

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Profiles	ashutoshdubey10	ashu10dubey	Google Cloud Skills Boost

Education

Vellore Institute of Technology,Chennai CGPA: 8.20	09/2021 – Present B.Tech	JNV Farrukhabad UP X: 89.4% XII: 85.6%	07/2013 – 04/2020

Skills

Java , Python	C , C++	OS , Computer Network	IoT , ROS
AWS , AZURE	SDLC , GitHub	DBMS , Oops	HTML , CSS

Projects

Credit Card Fault Detection
Data Ingestion, Preprocessing and Model Evaluation
- Import data file and ProfileReport for the pandas profiling the dataset.
- Visualize the data to understand relationships like different correlations and variables and missing values then use random forest algorithm for fraud detection and By training the data to maximize the accuracy score.

Image Scrapper
- The project uses Python and Scrapy to scrape images from websites and store them in Azure Web App, which is a service for hosting web applications.
- The project can be improved by adding more features such as image filtering, and image classification using Azure Cognitive Services, which are a set of AI-powered services for vision, language, and speech.

Line Following Robot
- The type of sensor used to detect the line (IR, photodiodes, etc.) influences its sensitivity, range, and performance.
- Configure motor drivers to control the speed, direction, and mechanical design of the robot to allow for smooth movement.

Publications

Search Engine Optimization & Efficiency Algorithms
- Applied web mining techniques such as web usage mining and web structure mining to analyze user behavior and web page structure
- Implemented and compared various algorithms for web search and ranking, such as PageRank, and BERT algorithm.
- Adopted white hat SEO strategies and methods to optimize the website's visibility and traffic ethically to get more personalized and efficient results.

Certifications

AZ-104 AZURE Certified Microsoft	**AI for Everyone** DeepLearing.AI	**C & C++** IIT BOMBAY
AWS Cloud Practitioner AWS Certified	**Enterprise Automation** Workato	**Educational Leadership** NPTEL

Experience

Tata Cybersecurity Security Analyst Job Simulation   01/2024
Forage
- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

Robotics Club
Social Media Department

As the head of the Social Media Department at the Robotics Club, I effectively curated and posted engaging content on social media platforms for our club.

Languages

English (Professional)	Hindi (Professional)	German (Elementary)

Interests

Open Source	Psychology	Data Science & AI	Cricket

Awards

RAJYA PURASHKAR	Hacktober Fest	10/2023