

Haren Akula

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EDUCATION

Master of Science, Computer Software Engineering

George Mason University • Fairfax, Virginia • May 2024 • 3.96

Bachelor of Engineering, Computer Science Engineering

Maturi Venkata Subba Rao Engineering College • India • July 2022 • 7.4/10

PROJECTS

Resume Builder

- A Web application that simplifies the task of creating a resume for individuals.
- The motto of the project is to create picturesque resume templates for the users who could just enter their details and create a professional resume eliminating the hassle of creating one from scratch.
- The technologies used are HTML, CSS, PHP, XAMPP.

Night Vision for pedestrian detection

- Implemented YOLOv3 for pedestrian detection in night vision images/videos.
- Aimed to detect people in low-light scenarios for automobiles and security cameras.
- Technologies: Python, numpy, pandas, imutils, yolodetection, cv2.

Used Car Price Prediction

- Built a predictive model to estimate the selling price of used cars based on key features.
- Technologies: Python, pandas, sklearn, Jupyter Notebook.

Paws and Tails

- Designed and developed a user-centric front-end for an e-commerce website from concept to completion within 4 months.
- Leveraged HTML, CSS, Bootstrap, and JavaScript to create a visually appealing and user-friendly interface that streamlined the pet product browsing and purchasing experience, reducing time spent navigating by 20%.
- Implemented UI/UX best practices to improve navigation, product search, and checkout processes, enhancing user experience for the Paws & Tails online pet store leading to an increase in UI ratings of the application by 12%.

CERTIFICATIONS

Certified AWS academy graduate in AWS cloud foundations course

Python and its data structures

IIT Bombay

PostgreSQL

Coursera • 2023

CCNA IT ESSENTIALS

Cisco • 2020

INVOLVEMENT

Member

CSI, ACM, and IEEE collegiate chapters

- Managed projects and a group of volunteers during fests and events.

Management Team of Sport tournaments

M.V.S.R Engineering College, India

- Organized and facilitated several sporting tournaments.
- Actively engaged in fitness and sports for over 2 years.

SKILLS

Programming languages: Well versed in Python, C++, Java, HTML, CSS, PostgreSQL..

Tools & Frameworks: Jupyter Notebook, Google colab, VS Code, Spring, IntelliJ.