Utkarsh Bansal

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EDUCATION

Vellore Institute Of Technology, Vellore   Tamil Nadu, India
B.Tech in Computer Science Engineering — CGPA : 7.70/10   *Jul 2018 – Jun 2022*

Maheshwari Public School, Kota   Rajasthan, India
Higher Secondary Certificate — Score : 72.8/100   *Apr 2016 – Mar 2018*

Air Force School Hindon, Ghaziabad   Uttar Pradesh, India
Secondary Secondary Certificate — CGPA : 8.8/10   *Apr 2014 – Mar 2016*

EXPERIENCE

Internship, Stryker   Gurugram, Haryana
                                                                Jan 2022 – Jul 2022

- Developed a self-healing framework that updates broken test scripts.
- Reduce manual intervention by 80% estimated to bringing up the overall testing speed by 100%.
- Acquainted with the Global Project life-cycle management software of STRYKER TCOE.
- Redesigned SAP Application test script using Tricentis Tosca application.
- Tech Stack: Python, Java, OpenCV, Windchill and Tricentis Tosca

PROJECTS

Shopping website for wholesale traders ⊕ | *HTML, CSS, PHP, SQL JavaScript, jQuery, Bootstrap*
- Designed and developed an open source UI/UX framework with demo website that could help improve the sales revenue of the wholesale retailers by 50% during Covid-19 period.
- Added admin and customer login credentials, new user registration, place order and option of cash on delivery.

IQuest official website ⊕ | *HTML, CSS, JavaScript, jQuery, Bootstrap*
- Built IQUEST official website that was hosted live for the period 2019-2021, increasing club awareness among the VIT fresher leading to an increase in 150+ students during club recruitment drive.
- Added features: light and dark mode, spam filter v2.0 and svg images to make site load faster

VIT Trekking Club official website ⊕ | *HTML, CSS, JavaScript, jQuery, Bootstrap, RelaxJS*
- Built VIT Trekking Club official website hosted in 2020, in order to help promote club activities and adventures.

Web scrapping ⊕ | *Beutiful Soup, Python, Pandas, Numpy,*
- Scraped github topics to get top 25 repositories present in each trending topic and saved it as a CSV file,

Voice Based Text Summarization Project ⊕ | *Python, SpeechRecognition, PyAudio, NLP*
- Leverage NLP to generated summarized report for the input key word through voice command.
- Helps the users with eyesight/keyboard or mouse to search word on internet through voice command.

Image Classification Using Convolution Neural Network ⊕ | *Python, Pandas, Numpy, Keras, Tensorflow*
- Worked using Python library, Tensorflow and Keras to create a Image Recognition model

POSITION OF RESPONSIBILITY:

Board Member / Technical Head, Innovtors QUEST, VIT
- Led a team of 25 students to successfully organize various technical workshops attended by 1000+ students cumulatively.
- Designed, coded and deployed official IQUEST website.

TECHNICAL SKILLS

Skills: Web Development, Data Structures & Algorithms, Problem Solving, Machine Learning

Languages: Python, JavaScript, HTML, CSS, MySQL

Libraries, Frameworks and Developer Tools: MongoDB, Pandas, Numpy, OpenCV, Scikit-learn, Git, Bootstrap

Developer Tools: Git, VisualStudio Code, Heroku