Vijay Kumar Ulasa

+91 9381336537 | vijaykumar.ulasa372k@gmail.com | https://www.linkedin.com/in/vijay-kumar-ulasa-004570240 | https://github.com/uvk37

EDUCATION

SASTRA University — Kumbakonam, Tamil Nadu
Bachelor of Technology in Computer Science and Engineering — July 2018 – August 2022
CGPA- 6.94/10

Narayana Junior College — Nellore, Andhra pradesh
Intermediate Education — June. 2016 – May 2018
Marks- 953/1000

SRI G.V.S Sankaraiah Memorial School — Nellore, Andhra pradesh
Secondary School — March 2016
GPA- 9.0/10

EXPERIENCE

Software Engineer — June 2022 – Present
Mphasis Limited

- Developed a dynamic and responsive complaint redressal system web application for complaint management system
- We developed both front and backend parts for this project
- We used Angular, Vscode for front end, MYSQL and Hibernate for backend and Tomcat and spring boot for servers

Java Full Stack Developer Training — August 2022 – November 2022
Simplilearn Platform

- Underwent Four month training on Java full stack development conducted by Mphasis Limited through Simplilearn Platform
- Learnt many concepts like Hibernate, Spring Boot, Devops, Angular, RESRFUL API's, MYSQL, HTML, CSS etc
- Devoleped sample projects for each concept learned in the training

PROJECTS

Semantic Searching over Encrypted Data | *Python, HTML, CSS, JS, BootStrap, MYSQL*

- Developed a full-stack web application project for semantic sreaching over encrypted data
- The aim of this is to provide security encryption on the public cloud
- We achieved it by proposing a secure semantic searching scheme for optimal matching on cipher text and also calculated minimum word transportation cost as the similarity between queries and documents
- All of these is implemented on AWS cloud

Handwritten Digit Recognition | *python, KNN, SVM, CNN, MNIST dataset, Spyder IDE*

- Developed and compared hand written digit recognition using various machine learning approches
- we used a well known MNIST dataset for this project which contains a large collection of handwritten digits.
- the dataset goes through testing and training by each machine learning approach and then identify the digit from the dataset and we also noted the accuracy of the meathods
- After testing with each approach inally we concluded that CNN approach gives us better result in recognizing the digit

CERTIFICATES

Took part in Cloud Computing workshop conducted by Geeklabs Technologies and got a certificate
Participated in Cisco workshop conducted by Azure Skynet Solutions Pvt.Ltd
Full stack developer training completion certificate from Mphasis Limited

Technical Skills

Languages: Java, Python, C/C++, HTML/CSS
Frameworks: Bootstrap, Angular, AngularJS, JUnit
 Tools: Git, Docker, , Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Databases: MYSQL, MongoDB

Personal Profile

Personal Skills: Calm and composed by nature, believes in team work and a great team player
Hobbies: Listening to music, Solving riddles and puzzles, Travelling
Languages Known: Telugu, Hindi, English, Tamil

Declaration

I hereby declare that all the above mentioned information given by me is true and correct to the best of my knowledge and belief.

Vijay Kumar Ulasa