

MY PROJECTS

Soil Nutrient Detection System Final Year Project

A system that worked on Naive Baye's Classification Algorithm to predict the soil fertility by identify common patterns in data of soil. Useful for farmers.

Image Classifier Using Convolutional Neural Network

A system that used Tensor Flow's Machine learning library to classify images of dogs .
The accuracy of the system is 98%.

AWARDS & ACHIEVEMENTS

TCS BEST PROJECT AWARD

For project Soil Nutrient detection System

IEEE XPLOER- RESEARCH PUBLICATION

The research paper titled 'Application of Colorimetry in determining soil fertility through Naive Bayes Algorithm' is published & demonstrated at 9th ICCNT which held at IISC Bangalore. The paper is based on our final year project.

<https://ieeexplore.ieee.org/document/8494113>

ON THE SPOT AWARD

For process improvement ,the automation of a daily server health check process in order to automate the alerts while ensuring the notification to the larger audience at once using java secure channel and shell scripting..

PROFESSIONAL SKILLS

Software: Eclipse ide, Maven, Jenkins, ELK Stack (elasticsearch, logstash, kibana)
Informatica, Cognos , Android Studio.

Languages: Java, Javascript, SQL, shell scripting.

ALSO FIND ME AT:

<https://www.linkedin.com/in/surili-agarwal-1bb460146/>

<https://github.com/surili220>

SURILI AGARWAL

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WORK EXPERIENCE

Assistant System Engineer

Tata Consultancy Services | June 2018-Jan2020 | experience: 1year 8 months

- Development of Restful web applications using Java, Javascript & Spring MVC frameworks.
- Also worked with Spring JDBC framework for communicating with database pooled by Apache DBCP and backend PL/SQL procedures.
- Hands on experience on Apache TomCat Application Server and build tools Maven/Jenkins
- Working in agile way.

EDUCATION BACKGROUND

Government College of Engineering Auranagabad

Bachelor of Engineering in Computer Science, 2014-2018

- Graduated with distinction, with a CGPA of 8.77
- Founding Member, Editor of College magazine Catalyst
- Cultural Secretary of Computer Science Department.

Deogiri College

12TH HSC FROM MAHARASHTRA STATE BOARD., 2012-2014

- First class distinction, with 86.77%

Holy Cross English High School

10TH SSC FROM MAHARASHTRA STATE BOARD, 2012

- First class with distinction, with 91.09%

