Kavish Agnihotri

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Education

M.Tech Computer Science,
International Institute of Information
Technology Bangalore | 2019 - 2021

B.E. Computer Science Engineering,
LNCTS Bhopal | 2014 - 2018 |
GPA:8.20/10

Skills

Languages: Java, C++

WebDev : HTML, CSS, Javascript

Storage : MySql

Framework : Angular, Spring Boot

DevOps : Git, GitHub, Jenkins,
Rundeck, ELK Stack

Cloud : GCP

Extra-Curricular

Active member of AIKYAM (The Social
wing of IIITB)

Coordinator @ Srishti 2k16-
coordinated in Hunt via web.

Student Coordinator @ ICET -
Organized talks and workshops. -
Coordinated in II International
Conference on Emerging trends.

Volunteer @ IEEE2019 Volunteered at
event organised by IEEE in IIITB

Course Work

Software Systems
Software Production Engineering (DevOps)
Introduction to Machine Learning
Geographic Information Systems
Networking and Communication

Projects

Jan-May'20 Smart-LocalMarketPlace (DevOps)

In a situation like covid19, It makes difficult for store owners to maintain social distancing norms.
Smart-LocalMarketPlace is an Ecommerce website using which customers can order products online and the seller can deliver the order or schedule time slot for each order and collect payment online. It can significantly reduce the interaction time with minimal overhead.
We have developed it as an Academic project. we have used Java in the backend, spring boot framework along with Hibernate ORM and tried to implement all the principles of Microservice architecture. In the Front end, we have used Html, CSS, Javascript(Jquery). We have even used DevOps toolchain for efficient production; Git and GitHub for version control, Jenkins for continuous integration, Rundeck for continous Deployment, ELK stack for logging and visualization.

Jan-May'20 Cogno Web Observatory (Project Elective)

Congo Web Observatory is an WebApp which performs analysis on Twitter Dataset to visualize narrative, Narrative driver, Semantic analysis
It is a live project under WSL Lab, IIITB. I have contributed as a Front End Developer. I have worked on Angular, D3.js, and Leaflet.js to implement different features like a word cloud, Force Directed Graph and geographic maps.

July-Dec'19 Crop Yield Prediction (Geographic Information System)

Crop Yield Prediction is one of the major problems is Developing countries because of a lack of survey data is available. The majority of an Analytics Model which are available is dependent on handcrafted features (survey data) which makes them inefficient for developing countries.
We have trained the model which extracts data from Google Earth Engine which is freely available globally and automatically picks the relevant features. We have used Deep Learning Algorithms like CNN and RNN. PyTorch Library to implement the Neural Network.

Jan-May'18 Image encryption and decryption in public key cryptography (Security)

As digital image play an important role in multimedia technology, it becomes more important for the user's to maintain privacy. And to provide such security and privacy to the user, image encryption is very important to protect from any unauthorised user access. We have Implemented An image encryption software which provides high security using RSA algorithm.

Achievements

March'19	GATE 2019 Rank : 558/99932
March'18	GATE 2018 Rank : 4570/110000
August'15	Winner of Robotics Workshop "ROBO HUNT BY IIT BOMBAY"

Personality Traits

Time Management
Adaptable to crucial situations
Easy coping up with team members
Works well under pressure
Quick learner and tech enthusiast