Divyansh Sahu

Personal details

👤 Divyansh Sahu

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Education

B Tech Computer Science
2018 - 2022
Institute Of Engineering & Technology
DAVV, Indore
CGPA- 8.2

Skills

React JS	●●●●○
Spring Boot	●●●○○
Redux	●●●●○
Hibernate	●●●○○
CSS	●●●○○
Material UI	●●●●○
REST	●●●○○

Programming Languages

JAVA	●●●●○
JavaScript	●●●○○
Python	●●○○○

Achievements

- 4 coder in Leetcode & Solved ~800 problems in Leetcode, Handle: user8325z

- • 4 competitive programmer in Codechef Rating : 1920, Handle:

Employment

Software Development Engineer- I   **Apr 2022 - Present**
NowPurchase Pvt Ltd
- Used understanding of React fundamentals & Redux to promote better component lifecycle practices, increasing turnaround time.
- Successfully designed and implemented the distributive Database of the IoT Middleware for having the information related to SpectroMeter data.
- Successfully build a scalable and responsive system on Spring framework for the IOT Middleware layer for Spectrometer Integration
- Successfully designed and implemented the centralized Database of the IoT Middleware for analysis & Report generation.

Internships

Business Technology Solution Associate- Intern   **Jan 2022 - Apr 2022**
ZS Associates Pvt Ltd
- Worked on Verso Orchestration Engine ML based platform which provide targeted marketing recommendation for Users used REST API .
- Use Technologies like HTML ,CSS, React & Java Spring to create the System of Verso Orchestration Engine.
- Worked with EX-US BMS team, helping them to develop tangible ETL Pipelines & python based Assets for data feeding & processing.
- Working on AWS S3 bucket for data loading & Hive, Putty & SQL for testing.

Software Development Engineer- I Intern   **Jun 2021 - Aug 2021**
Persistent System
- Identified web based user interaction & developed highly-responsive user interface component via React components.
- Translated designs & wireframes into high-quality code and wrote microservices in java.
- Designed and implemented services in Java Spring.

Research Intern   **Jan 2021 - Mar 2021**
SERB- DST, Govt of India
- Detect cellular level activity using laser speckle Imaging technique and fetch data from REST APIs .
- Design different imaging pre-processing technique & code for extraction of cellular level activity using Fujii's & GD methods and created mask for highlighting the region of interest.
- Create Deep learning models for accurate prediction and the result was shown in the frontend using React

Research

Fungal Infection Detection in Seeds using Laser Speckle Analysis & CNN   **Apr 2021 - Dec 2021**
- Study about the bio-speckle imaging technique & analysis of fungal infection in Seeds.
- A Convolution Neural Network model of 11-layer structure is established and trained to classify curable and no-curable infected seeds.
- We analyze how well the model does with the recognition on the basis of Bio-Speckle Activity map.
- Spring based system was build for Storing Images on SQL DB.
- The method based on laser bio-speckle imaging analysis and CNN theory provides an idea and theoretical basis for efficient & non-destructive detection of health of Seeds & their quality.

nubie

- 6 competitive programmer in HackerRank in Problem Solving

- Solve more than 1000+ problems on different platform.

- Global rank 695 in Leetcode Biweekly contest 51.

- Global rank 106 in Codechef July Lunchtime 2021 challenge.

- Global rank 382 in Codechef Starter 13 Division 2.

Extracurricular activities

• Team Leader of MIME team IET DAVV ,we try to portrait different social issues and discrimination with our acts .
• Head of Entrepreneurship Cell of IET DAVV.
• Volunteer YES+ Workshop To help individuals get rid of stress and experience inner peace, The Art of Living initiative.
• Volunteer at Aakshank & Invento Indore they are the annual fest organized by IET Indore.

Projects

Beacon - Local Positioning System (LPS) ||
(FUNDED FROM ACIIE)
- Beacons are small, wireless transmitters that use low-energy Bluetooth technology to send signals to other smart devices nearby.
- Analyzes the signal strength from a beacon device (RSSI) to determining the distance and location of the beacon (conf. with RasberryPi).
- The algorithm was designed by drawing inspiration from the intersection of circles. It utilizes a recursive approach to achieve accurate calculations the backend was build in **JAVA SPRING**.
- This Technology uses Bluetooth Signal for approximating the location

Library Management System || (JAVA
SPRINGBOOT)
- Created a SpringBoot base Library management System.
- Build CRUD operation in SpringBoot REST API.
- Use MySql Based Database for storing and accessing the Data.
- Build CRUD operation in SpringBoot REST API .

Additional Courses

- MSME's Management Development Program (MDP). learned about how to create an . International Image,dealing. with Government, different protocol used in Export Management.
- Part of YES+ program learn about benefits of yoga and motivation to move forward in life.