

LAKSHYA KUMAR

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SOFTWARE DEVELOPER

Recently graduated engineer with a keen interest in Data Analysis and software development. Highly organized and resourceful and keen to take on new challenges. Looking for an entry-level Developer role in a company that utilizes strong interpersonal skills and offers an opportunity to work as part of a team and take on high levels of responsibility.

TECHNICAL SKILLS

Languages: C/C++, JAVA and Python

Environment: Linux, Fedora and Windows

Tools: Eclipse, Visual Studio, Jira, Android Studio, etc.
SQL Databases etc.

Others: Machine Learning, Deep Learning, NoSQL Databases,

EXECUTIVE SUMMARY

- Noble programming skills and strong competencies in computer science including data structures and algorithms
- Working effectively with other team members on all aspects of the process including design, implementation, testing, and documentation
- Strong adherence to development best practices including creating and maintaining documentation required

EDUCATION

Bachelor of Technology in Computer Science and Engineering with Specialization in Data

Analytics, Vellore Institute of Technology, AP

08/2017 – 07/2022

International Exchange Programme, Australian National University

07/2019 – 12/2020

Canberra, Australia

12th Grade, Kendriya Vidyalaya ASC Centre

04/2016 – 03/2017

WORK EXPERIENCE

RMGX Technologies LLP

Intern - Technology

(June 2021 – July 2021)

Roles and responsibilities:

- Used Spring boot framework for developing APIs for eShipper application
- Participated in Scrum meetings
- Testing the APIs developed using Mockito and Postman

Nano Source Technology

(Dec 2020 – May 2021)

Summer Intern

Role and Responsibilities:

- Worked on developing a prediction model to predict the best crop for a particular landscape analyzing various factors
- Developed different classifiers testing for maximum accuracy
- Developed android application for providing user with a better experience
- Deployed the application on Microsoft Azure using DevOps concepts
- Integrated python models with Android applications and used MongoDB to build the database.

PROJECTS

Sentiment Analysis on Formal and Informal Language

01/2022 – 06/2022

- This project is performing Sentiment Analysis and Aspect Based Sentiment Analysis on
- statements with a Formal and informal Structure
- Used twitter dataset for analysis on informal analysis
- Used Metacritic's game reviews dataset for Analysis on formal statements and aspect based sentiment analysis

Analysis of various factors affecting crop growth to predict conditions for maximum yield

01/2022 – 05/2022

- Collected various factors that affect the crop yield using sensors and Arduino
- Stored the data using MongoDB Atlas
- Created the web application for end user to display the processed data and suggestions
- to maximize the yield using Django

Analysis of YouTube trending tab to detect the bias of YouTube

07/2020 – 11/2020

- Collected the trending tab data from YouTube using a web-scraper (self-coded) from three
- countries
- Analyzed the data using python to check if there is a bias when it comes to YouTube
- promoting legacy media organizations

Tron the spy rover

01/2019 – 03/2019

- Worked with a team of 6 on a Raspberry Pi project.
- Put up the live feed of the webcam and secured it along with making the whole rover
- wireless using a localhost server.

AWARDS

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| • Winner of National Hackathon, VIT-AP | 2018 |
| • Highest scorer in Programming with C++, VIT-AP University | 2017 |
| • Letter of Commendation, Central Board of Secondary Education India | 2017 |
| • Letter of Commendation, HRD Ministry of India | 2015 |

ORGANISATIONS

- | | |
|---|-------------|
| • ANU Rock Music Society, Director of Event Management | 2020 – 2021 |
| • Bulls and Bears VITAP Chapter, Director of Public Relations | 2018 – 2019 |
| • Uddeshya NGO VITAP Chapter, Director of Outreach | 2017 – 2018 |