

ADITYA DATTATREYA

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EDUCATION

RNS Institute of Technology (VTU)

Bachelor of Engineering (Information Science)
Bangalore

2019 - 2023

CGPA: 8.13

WORK EXPERIENCE

Sparkcognition India

Devops Engineer

January 2024 – Present

- Creating and Deploying pipelines to client locations and deploying the software
- Containerizing the solution using devops tools like docker, networking tools
- Troubleshooting and fixing issues in code, hardware and monitoring efficient working of software

INTERNSHIPS

Sparkcognition India

Devops Intern

May 2023 – January 2024

- Creating and Deploying pipelines to client locations and deploying the software
- Containerizing the solution using devops tools like docker, networking tools
- Troubleshooting and fixing issues in code, hardware and monitoring efficient working of software

Nastech

Machine Learning Intern

March - May 2022

- Creating various machine learning and deep learning models on various datasets provided
- Learned Basic and advanced concepts in Machine Learning and deep learning
- Made a project titled pneumonia detection using cycle GAN

Future Ready Talent Microsoft

Virtual Intern

November 2021 - January 2022

- Learning about Azure and it's applications
- Made a project titled diabetes detection using deep CNN

Zoapi

Angular Intern

OS Community

Co-Founder

PROJECTS

Pneumonia Detection Using Cycle GAN

June 2022 - February 2023

- Objective: To build a pneumonia detection model using the advanced concept of Cyclic Generative Adversarial Networks
- Built using python, deep learning concepts, Kaggle

Image and Video Colorization Using NoGAN

February 2023 - June 2023

- Objective: To build a Deep Learning Model which colorizes black and white images and video
- Built using python, deep learning, Google Colab
- uses the concept of introducing noise into the data hence the name NoGAN

Music Management System

February 2022 - June 2022

- Objective: To build a system which manages a music store inventory and accounts
- built using C++, HTML, CSS, JavaScript

Task Management App

February 2022 - June 2022

- Objective: To build an office task manager which manages tasks as per user schedule
- Built Using Android Studio, XML, HTML, JavaScript, CSS

Inventory Management System

June 2021 - February 2022

- Objective: To build a system which manages inventory of any organization

PRESENTATIONS

National Conference on Contemporary Trends, RNSIT Bangalore May 2023
Researcher

- Image and Video Colorization Using NoGAN
- The paper focuses on colorizing black and white images and videos by introducing Noise in GAN architecture.
- Presented at RNSIT Bangalore

National Conference on Contemporary Trends, RNSIT Bangalore June 2022
Researcher

- Brain Tumour Detection using U-Net
- The U-Net model, CNN architecture for brain tumour segmentation detection and automation, is implemented and presented in this study.
- Presented at RNSIT Bangalore

National Conference on Contemporary Trends, RNSIT Bangalore July 2021
Researcher

- Cyber security for Smart Grid
- The paper focuses on application of cyber security in industries using smart grid
- Presented at RNSIT Bangalore

International Conference on Computing System and Applications, AIT Bangalore July 2021
Researcher

- Emotion Based Video Player
- The paper focuses on detecting emotion and playing a video from YouTube according to the sentiment
- published in Google scholar
- Presented at AIT Bangalore

International Conference on Computing System and Applications, AIT Bangalore July 2021
Researcher

- Detect-o-thon: identification of infected plants using deep learning
- The paper focuses on identification of diseased plants using deep learning algorithms like CNN, RNN, ANN; published in Google scholar
- Presented at AIT Bangalore

WORKSHOPS

Microsoft AI Road shows, Bengaluru March 2024

- Learned about AI, ML and Deep Learning and application of co-pilot in this field

Redhat Conference, Bengaluru December 2023

- Learned about latest tech in Redhat and demos were given on Ansible and other Devops tools

Devfest, Bengaluru October 2023

- Learned about GenAI and its application in various fields

Google Cloud Community Days, Bengaluru May 2023

- Learned about latest trends in Google cloud and workshops related to that demos were given by partner companies about their product

AWS Community Days, Bengaluru May 2023

- Learned about latest trends in AWS, various applications of AWS tools available like ec2, database

Github Constellation, Bengaluru May 2023

- Learned about latest trends in GitHub
- Use of GitHub co-pilot in real life scenarios

EXTRACURRICULAR ACTIVITIES

- Organized 10-15 coding competitions and introduced the coding culture in college and hosted hackthon as the Founder at the Code-Break November 2022 - Present
- Managed the overall working as the Founder of the Women in Tech Community May 2024 – Present
- Handled content making based on cybersecurity and collaborating with other members for bug hunting as the Assistant Community Manager at the ViTi Technology November 2021 – Present
- Managed collaborations, partnerships, events organization of the community as the Co-Founder and Assistant Community Manager at the OS Community November 2022 - Present
- Mentor at Girlscript summer of code 2024 - Present
- Participated in many open source programs like build with Letsupgrade, Winter of code, Social winter of code, JGEC winter of code, Codepeaks , Social summer of code, Vinyasa summer of code, TRC winter of code, Hacktoberfest, Scaler events 2020 - Present
- Volunteered for blood donation camp twice at Prerana NSS, & YRCS 2021 and 2022
- Completed Rashtrapati Scout Level and was the scout leader of the entire school (Bharath Scouts and Guides) May 2018
- Spoke at webinars and workshops based on AIML, Cyber Security, DevOps and Open Source
- Published 2 research papers on Google scholar based on deep learning
- Won the Nastech hackathon
- Completed A1 level German
- Mentored People in The Field Of AIML, Devops, cyber security, cloud computing via top mate
- won 4 hackathons in the field of AIML
- Participated in Kaggle competitions and awarded AIR 651

TECHNICAL SKILLS

- **Programming Language:** C, C++, Python, Java basics, SQL basics, shell scripting
 - **Operating System:** Windows and UNIX
 - **Microsoft Office Package:** Word, Excel, Access, PowerPoint, Publisher
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