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EXPERIENCE

True Data Software

Pune, India

Full Stack Developer Intern (Remote)

August 2024 – October 2024

- Worked on an Smart Customer relationship management System using Vite, and Firebase to handle management of leads, and deals for multiple clients.
- Working on an ESD Dashboard for real time fetching from Raspberry Pico board using Wiznet W5500 Ethernet to be used by multiple clients.

iNeuBytes

Telangana, India

AIML Intern (Remote)

May 2024 – June 2024

- Worked on 3 Major tasks during the internship
- Task 1 - Trained a Random Forest Classifier and Ridge and Random Forest regression on a student performance prediction task to predict possibility of student moving for Higher studies. Also performed K Means clustering for Anomaly detection and achieved a silhouette score of 0.27. Achieved an MAE of 0.36 and an MSE of 1.87
- Task 2 - Trained a Convolutional Neural network and a VGG-16 architecture on MNIST Dataset
- Final Project - Naive Bayes Classification of Twitter Dataset. Trained Naive Bayes Classifier to achieve an accuracy of 87.36%

ISFCR , PES University

Bangalore, India

Research Trainee

May 2024 – June 2024

- Researched on Throughput prediction in Wireless IEEE 802.11 Networks using Transformers
- Trained a HuggingFace transformers and fine tuned it to predict the throughput of IEEE 802.11 Dense WLAN Deployment using TabTransformers and achieved a State of the art accuracy of 94%

EDUCATION

PES University

Bangalore, India

Bachelor of Technology in Electronic & Communication Engineering, GPA - 7.20/10.00

2021 – Present

Sri Chaitanya PU Collegel

Bangalore, India

State PCMB (Physics, Chemistry, Mathematics, Biology) - 99%

2018 – 2021

PROJECTS

Prediction of Handover performance in 5G Cellular Networks

An approach to pre-emptive time series prediction of cellular handover failues on a synthetic dataset using LSTM and other models.

Multilabel Disease prediction using Ensemble Modelling

Trained a SegNet & a U-Net Model alongside VGG-16, CNN models to preemptively predict Diseases.Finally, ensembling all the models together to optimize the accuracy and performance and thus enabling faster disease prediction.

Hate Speech Detection using NLP - Deployed on IBM-Z

IBM-Z Datathon 2023

- An approach to sentiment detection on twitter tweets.
- Deployed the model on IBM-Z LinuxOne Instance.
- [A blog regarding this has been written here](#)

Web based escalation system

Nokia Corporation

- Working on a web based system to escalate service provider and peer issues to third party vendors.
- Used Next JS as frontend and backend, and Microsoft Azure AD for authentication.

Smart CRM SaaS Tool

True Data Software

- Engineered a comprehensive CRM for multiple clients to handle different leads, deals and organizations
- Used Express JS backend and React for frontend, also used Firebase for Authentication.

AWARDS AND SCHOLARSHIPS

- **Second Place** out of 800+ teams at **IBM-Z Datathon 2023**
- **DAC Scholarship Award** from **PES University** for securing CGPA of 7.5+ in 1st semester.

SKILLS

Languages: Python, Java, C, MySQL

ML/Stats: PyTorch, Tensorflow, HuggingFace, NLTK, pandas, NumPy, scikit-learn, seaborn, matplotlib

Artificial Intelligence Techniques: Deep Learning, Few-Shot Learning, Language Models, Natural Language Processing

Development Frameworks/Tools: Git, VS Code, Flask, Next.js, React.js, Linux Systems, IBM-Z, GNS3 Simulator

SERVICES AND CLUBS EXPERIENCE

Club Head at QForest

Bangalore, India

PES University

Feb 2023 – May 2024

- Conducted a comprehensive workshop titled 'Introduction to Quantum Computing,' educating 90+ participants on fundamental principles and practical applications.
- Organized a 3-day online workshop at PES university, handling both operational and organizational tasks.
- Organized a 24-hour national level hackathon, Graviton 2.0, at PES University on April 6-7, 2024. Developed Strong Communication skills and handled various roles during the hackathon

Outreach Head at Jnaanada, Sanskrit Club

Bangalore, India

PES University

Jan 2024 – Present

- Executed comprehensive marketing campaigns from January to May 2024, leveraging social media and email marketing; boosted event attendance by 40%

Sankethi Head at Linguista, Language Club

Bangalore, India

PES University

Feb 2024 – Present

- Organized and tutored several learners to teach Sankethi language.