Roshan Nayak

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Education

BMS College of Engineering Bangalore, Karnataka, India
Bachelors of Engineering Electronics and Communication *GPA: 9.1* Aug 2018 - May 2022

Work Experience

The Startup Remote
Content Writer May 2020 - Present

- I write articles on Machine Learning and NLP related concepts.

Default Remote
Android Intern Sept 2020 - Oct 2020

- Learnt many new technologies in Android and assisted the developers.

Skills

Programming Languages:	C++, Python, Java, Kotlin, Javascript(Basics)
Technologies:	Android Development, Web Srcaping, Machine Learning, Data Analysis
Database:	Room, MongoDb Realm, Firebase
Additional Skills:	Content Writing, Team Work, Quick Learner

Projects

English to German Translation *LSTM, Python, Tensorflow, Regex*
https://www.kaggle.com/nayakroshan/english-to-german
Implemented an Encoder-Decoder attention based model to achieve satisfying results after training the model for 10 epochs.

Diabetes Prediction *Python, Sklearn, Seaborn, Pandas*
Built a simple tkinter app to predict if a patient has diabetes or not. The model was trained on 440 examples and achieved an accuracy of 85% when tested on 109 examples. Model used was Random Forest.

Weather Application *Android Studio, Kotlin, XML, Material UI, Retrofit*
https://github.com/RoshanNayak12/WeatherApp
Built an app to search for the weather of any city. Also set a city as default city to display its weather as app opens. Weather data of next five days also available. Used Open Weather api.

Achievements

Top 50 in HNHISH Round 2 HNHISH Authority
Ranked 44 in the algorithms competition held by HNHISH Authority on CodeChef platform. Nov 2020

5 star problem solver at HackerRank and 2 star at CodeChef.

Eyantra Competition Eyantra, IIT Bombay
Me in a team of 4 successfully qualified for the final round of the eyantra robotics competition 2019/20. May 2020

Ranked 273/5060 participants in Pet Adoption HackerEarth competition.
To build a Machine Learning model that determines type and breed of the animal based on its physical attributes and other factors. Link to competition :
https://www.hackerearth.com/challenges/competitive/hackerearth-machine-learning-challenge-pet-adoption/