NARESH KUMAR B

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Objective

A budding Engineer, seeking an entry-level position in the field of Deep Learning, Web Development, App Development and related areas, to leverage the acquired skills for the benefit of the organization and my career.

Education

Degree
Course: **B.Tech – Computer Science Engineering**
Institution: Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Chennai
Period: 2019-Present ; CGPA: **9.39**/10 (up to 6th Semester)

Higher Secondary Education
Subjects: Physics, Chemistry, Mathematics and Biology
Institution: Srri SPK Public Senior Secondary School, Namakkal
Period: 2017-2019   ;   Board: CBSE
Marks: 457/500 or 91%

Secondary Education
Institution: Srri SPK Public Senior Secondary School, Namakkal
Period: 2017   ; Board: CBSE
CGPA: 10/10

Areas of Technical Interest:

- Deep Learning
- Data Analytics
- Web & Android App Development

Tools & Frameworks: Deep Learning (TensorFlow), Frontend (Bootstrap), Backend (Django and Flask), Web APIs (REST API, GraphQL), Android App Development (Java, Dart), Bootstrap Studio, Android Studio, AWS, Adobe XD, React Native, React JS.

Projects

Topic: **Unforgeable** - November 2021
Objective: To keep the social networks safe from computer generated / morphed images.
Tools or techniques used: PyTorch, Django, Bootstrap, HTML, CSS, JavaScript, AWS ec2 instance
Outcome: Build a deep learning powered web app to analyze the purity of photographs.
Source: https://github.com/TechieNK/Unforgeable

Topic: **Product-Score** - September 2021
Objective: To eliminate the need for an analyst by analyzing product reviews of apps from popular markets like Atlassian Marketplace, Google Playstore and Appstore.
Tools or techniques used: Atlassian Forge, Machine Learning, NLP, React JS, Flask, Heroku, expert.ai Natural Language API, Web Scraping

Outcome: Built an integrated platform for analyzing the product reviews and hosted it on Atlassian Confluence platform   - Source: https://bitbucket.org/TechieNK/product-score/src/master/

Topic: **SurfUp** - June 2021
Objective: To create a full-fledged community for surfer in real-time.
Tools or techniques used: Android Studio, Firebase, Google-Cloud, Java, XML, Open Weather API
Outcome: Build a full-fledged surf time analysis android app on the run to save your travel time.
Source: https://github.com/TechieNK/Surfs-Up

Self-Learning Initiatives:

- Machine Learning offered by Stanford University (Coursera), April 2021- Mixed Level
- Python Project for Data Science offered by IBM (Coursera), August 2021 - Intermediate Level
- Python Project for AI & Application Development offered by IBM (Coursera), August 2021 – Intermediate Level

Achievement:

AWS Graviton Hackathon – Amazon Web Services(AWS) – Winner (Migration Track)
October 2021 – (Project – Deep Learning powered image credibility checker)

Leadership Experience:

- **Coordinator | Cognizance (Student Club),** Dept. of CSE, ASE Chennai, *December 2020 – July 2022*
- **Mentor & Moderator in Ingenium 2021,** 36 hours national level virtual Hackathon, Amrita School of Engineering, Chennai, *November 2021*

Internship

- **GSOC Contributor – International Neuroinformatics Coordinating Facility**
  May 2022 – September 2022
  Developing a LaTex to XML pipeline and exploring a standalone platform for NBDT Journal

- **Project Staff – Amrita Vishwa Vidyapeetham (Part-time)**
  May 2022 – September 2022
  Developing a responsive cross platform mobile application that mimics the wallet features on the existing KNUCT website.

Extra Curricular Activities: Kabaddi, Kho-Kho

Personal details

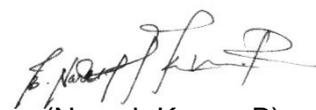Date of Birth   : 19/09/2001
Language proficiency : English, Tamil
Hobbies   : Reading Books, Watching movies
Contact Address   : 194 K, Angappa mudaliyar building, Agraharam (PO), Pallipalayam,
                                          Namakkal, Tamil Nadu, 638008

Place: Namakkal
Date : 03/10/2022   (Naresh Kumar B)