

Deekshitha R

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CAREER OBJECTIVE

To become a part of the growing organization and to apply my professional, technical and interpersonal skills and to work towards the development of myself and the vision and mission of the company, to pursue an intellectual career in software development.

ACADEMIC QUALIFICATION

BE (COMPUTER SCIENCE ENGINEERING) 2020-2024	Vivekananda Institute of Technology, Kumbalagodu Bengaluru	CGPA – 7.32
PUC (PRE-UNIVERSITY COURSE) 2018-2020	Mahesh PU College, ISRO layout, Bengaluru	Academic Percentage– 79.8%
SSLC (SECONDARY SCHOOL LEAVING CERTIFICATE) 2017-2018	Vasasi Vidyanikethan High School Basavanagudi, Bengaluru	Academic Percentage– 84.6%

SKILLS SUMMARY

- Computer knowledge- MS Office, MS Power point, MS Excel & well conversant with internet.
- Java, MySQL, HTML, C++, Python (Beginner level)
- Excellent Management, intellectual, meticulous, organization & communication skills.

INTERNSHIP WORK-GESTURE TO VOICE CONVERSION USING MEDIA PIPE | 13'SEPTEMBER'2023

- Developed a mobile application-based system to facilitate the translation of sign language actions into text descriptions, enhancing accessibility for the hearing impaired community.
- Implemented advanced preprocessing techniques during the testing phase, including median filtering, Canny edge detection, and feature extraction leveraging Histogram of Oriented Gradients for optimal data representation.

PROJECT WORK-PCOS DETECTION | 10'OCTOBER'2023-15'MARCH'2024

- Developed a machine learning model for the early and scalable detection of Polycystic Ovary Syndrome (PCOS) using medical data.
- Utilized supervised learning algorithms such as Random Forest, Support Vector Machines, and Logistic Regression. Preprocessed and cleaned heterogeneous medical datasets, addressing missing values and outliers.
- Conducted feature selection to identify the issues relevant biomarkers for accurate PCOS diagnosis. Implemented cross-validation techniques to optimize model performance and prevent overfitting.
- Achieved over 90% accuracy in detecting PCOS cases in unseen data, surpassing existing diagnostic methods.

CERTIFICATION & WORKSHOP

- Java full stack course from Pentagon Space Pvt Ltd.
- Artificial Intelligence from Technofly Solutions.
- Java (Basic) and MySQL (basic) from Hacker Rank.

ACHIEVEMENTS

- Achieved 3rd place in class academics at Vasavi Vidyanikethan High School [2018]

PERSONAL DETAILS

Languages known	:	English, Tamil & Kannada
Domain Interests	:	Testing and Validating
Hobbies	:	Painting, Singing

DECLARATION

I hereby declare that the above-mentioned details are true to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Yours faithfully

Deekshitha R