

SUNKU VINISH RANGANATH

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PROFESSIONAL OBJECTIVE

Fast learner and passionate worker. Also a team player with an eye for detail. Eager to secure an entry-level position, where I can use as well as improve my skills and leverage my learnings.

PROJECTS

Ocular Disease Recognition using Deep Learning

The proposed solution combines **transfer learning** with **CNN** (a pre-trained model namely **EfficientNet**) to deliver **92% accuracy** in ocular disease (like cataracts, myopia, diabetic retinopathy, AMD, Diabetes) classification from fundus images (uses **ODIR-2019 dataset**), revolutionizing ophthalmology diagnostics.

Email Authentication

Developed a **mini full-stack web application** for user registration and email authentication using Core **Java (JSE)**, **JDBC**, and **Servlets**, with a front-end built in **HTML**, **CSS**, and **JavaScript**, featuring email verification, secure sign-in, and session management.

Typing Speed Test

Developed a **front-end typing speed test application** using **HTML**, **CSS**, and **JavaScript**, featuring an interactive interface that tracks user speed and accuracy in real time to enhance typing skills.

EDUCATION

Sree Vidyanikethan Engineering College

Bachelor of Technology in Computer Science (CGPA: 8.17 / 10.00)

August 2024

Tirupati, Andhra Pradesh

Narayana IIT Academy

Intermediate Education - M.P.C (79.6% / 100.00%)

March 2020

Hyderabad, Telangana

Sri Sai Vijetha High School

State Board of Secondary Education (CGPA: 8.7 / 10.0)

March 2018

Tadipatri, Andhra Pradesh

TECHNICAL SKILLS

Languages & Technologies: JSE(Core Java) | OOPS | JDBC | SQL | HTML | CSS | JavaScript | JEE

CERTIFICATIONS

- HTML, CSS, and JavaScript for Web Developers - **COURSERA**
- Programming Through Java - **NPTEL**
- Web Development for Beginners - **SIMPLILEARN**
- Basics of Web Development - **PREPLEAF BY MOSAI**
- English Standard Communication Certification - **MEPRO PEARSON**

ACHIEVEMENTS

- Certified Python(Basic), SQL(Basic), JavaScript(Basic) in HackerRank coding tests.
- Achieved 5 stars in JAVA & 4 stars in SQL, Problem Solving and Python of HackerRank.
- Presented a book chapter on "Ocular Disease Recognition Using EfficientNet" in IGI GLOBAL.

EXTRA-CURRICULAR ACTIVITIES

- Participated in Yoga For Happiness program, conducted by ISKON, Bangalore.
- Worked as team leader and volunteer in NSS(National Service Scheme).
- Member in LetUsUnite (A social service team).

DECLARATION

I hereby mentioned that all the information mentioned in my resume is true and correct to my knowledge and I'll take full responsibility for the accuracy of the particulars mentioned.