

SUJAN A T

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EDUCATION

B. E. - CSE , Dr. Ambedkar Institute of Technology, Bengaluru 2020 - 2024
CGPA: 8.02

XII , Sri Adichunchanagiri Science PU College, Arasikere 2020
90.5%

X , Sri Adichunchanagiri Eng Med High School, Arasikere 2018
91.05%

TECHNICAL SKILLS

Languages - Python, Java, C++, C

Web Development - HTML, CSS, JavaScript, React.js, Node.js, Material UI

Database - MongoDB, Redis, MySQL

Tools - Git, VS Code, Android Studio

Others - Java Spring Boot

PROJECTS

NutriSpy: Investigate Your Food's Health Quotient - Python, ML, React, TensorFlow

Crafted front-end interface using React for an innovative fitness app featuring nutrition calculation via food photo recognition, personalized diet recommendations, step tracking with goal setting and alerts, and personalized fitness training programs for diverse fitness objectives

Vision Verse: Machine Learning - Powered Text Reading Aid for the Blind - Android(Kotlin), ML

Designed and developed an Android app integrating machine learning and Python OCR libraries to convert printed text into audio. Created an intuitive user interface to streamline document capture and conversion, enhancing accessibility and inclusivity for visually impaired users

FlashTalk - WebSocket, ReactJS, NodeJS, MongoDB

Built a real-time web application enabling users to connect with strangers through text chat, audio, and video calls. Leveraged WebSocket and Socket.io to ensure smooth, low-latency communication for seamless real time social interaction

Travel Agency Management System - ReactJS, NodeJS, ExpressJS, MongoDB

A web-based Travel Agency Management System to automate hotel bookings, vehicle reservations, and journey planning, replacing manual processes with an efficient and user-friendly interface for users, admin, cab drivers and hotel managers.

Fingerprint Based Bio-metric Voting Machine Using Arduino

Developed a secure and efficient voting system employing fingerprint recognition technology for voter authentication. Utilized Arduino board, fingerprint sensor, push buttons, LED display for candidate details, and buzzer for process completion, ensuring accurate and tamper-proof voting.

INTERNSHIPS

Front-End Developer Intern

Aug 2022 - Nov 2022

ABC Programming (The Agriverse - A startup)

- Developed company website using React.js

Artificial Intelligence.
IBM Skillsbuild (Edunet Foundation)

Aug 2023 - Oct 2023

Machine Learning and Artificial Intelligence.
VOIS (Connecting Dreams Foundation)

Oct 2023 - Nov 2023

COURSES AND CERTIFICATIONS

- [NPTEL - Database Management System.](#)
- [Google Cloud Computing Foundations & Generative AI](#)
- [Postman API Fundamentals Student Expert certification](#)
- [Coursera - Python Basics.](#)
- [Coursera - Python Functions, Files, and Dictionaries.](#)
- [Coursera - Python Classes and Inheritance.](#)
- [Coursera - Data Collection and Processing with Python.](#)
- [Google Cloud Badges.](#)

RESEARCH PAPERS

- [Breaking Barriers in Text Analysis: Leveraging Lightweight OCR and Innovative Technologies for Efficient Text Analysis – ICACRS 2023 \(IEEE\) \(Published\)](#)
- [NutriSpy: Investigate Your Food's Health Quotient - NKCon 2024\(Published\)](#)
- [A Survey of Smart Nutrition Applications: From Food Recognition to Customized Exercise Plans - CoMSO 2024 \(Accepted\)](#)

INTERESTS

- Problem Solving
- Volunteering
- Coding
- Reading

ADDITIONAL INFORMATION

- Won 3rd prize in 8th National Techno-Exhibition - 2024 oragnized by Dr. AIT [[Certificate](#)] [[Project](#)]
- Solved over 200+ problems currently on CodeChef [[Profile](#)]
- Coordinator, Student Innovation Club, Dept. of CSE, Dr AIT
- Volunteer, NSS, Dr AIT
- Languages known: Kannada, English, Hindi