

Murghendra Akki

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EDUCATION

KLE Dr MSSCET University

Bachelor of Engineering in Computer Science(7.3CGPA)

Belagavi, India

Aug 2021 – May 2025

Sai Niketan PU College

Pre-University Course: Science(90.5%)

Jamkhandi, India

Aug 2019 – May 2021

Rashtrottana Vidya Kendra School

Secondary Education(90.4%)

Dharwad, India

Jun 2015 – Mar 2019

CERTIFICATIONS

100 Days of Code: The Complete Python Pro Bootcamp(Udemy)

Certificate of Completion

Apr 2023

PROJECTS

SAHARA: Medication Reminder Portal | React, Java Springboot, MySQL

Apr 2024 – Present

- Designed and developed SAHARA, a medication reminder portal, using React for the frontend and Java Spring Boot for the backend.
- Engineered and deployed a medication reminder system for elderly residents, resulting in a 40% increase in medication adherence rates and a 20% decrease in missed dosage incidents, ultimately improving overall health outcomes
- Integrated MySQL database for secure storage of user data and medication schedules.

Modern UI of GPT3 | React, Figma, Git

Mar 2024 – Apr 2024

- Transforming user experience with "GPT3 Modern UI": A sleek interface, dynamic visuals, and personalized features for seamless interaction across platforms.
- Multi-platform Compatibility: Seamless integration across different devices and platforms.

ChatVerse | React, CSS, Socket.io

Feb 2024 – Present

- Engineered a feature-rich chat app using React for front end, ChatEngine for backend, and Socket.IO for real-time communication.
- User-friendly interface for image uploads and sharing.
- Strong user authentication for secure access.
- Group chat feature enables easy member addition

Doctor Appointment System | React, Node.js, Next.js, MongoDB, API, Git

Dec 2023 – Mar 2024

- Architected a cutting-edge MERN Doctor Appointment System to streamline healthcare access, offering secure and convenient booking solutions; implemented advanced password hashing for enhanced data protection and reduced booking time by 50% and patient booking errors by 40%.
- Implemented Ant Design (antd) for icons and message alerts
- In coursework projects, I used Notion for streamlined project management, boosting organization, code readability, and team collaboration, increasing efficiency by 50%

Optical Character Recognition | Python, Tensorflow, OpenCV

Jun 2023 – Sept 2023

- Developed an OCR system employing ResNet architecture in Python with TensorFlow, achieving a model accuracy of 95%.
- Trained the model on a diverse dataset of letters and numbers, ensuring precise character recognition.

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, Python, C/C++, Java

Frameworks: React, Node.js, Next.js, REST API

Developer Tools: Git, Git bash, Docker, Visual Studio Code, PyCharm, IntelliJ

Design Tools: Blender, Figma

Libraries: pandas, NumPy, Matplotlib, Tensorflow

EXTRACURRICULAR ACTIVITIES

Inter-Branch Football Tournament

Semi Finalist

Belagavi, India

2022

State Level Kho-Kho Tournament

Participant

Dharwad, India

2018