

Murghendra Akki

+91 8618849591 | Murghendra.dev | linkedin/Murghendra | github.com/Murghendra

EDUCATION

KLE Dr MSSCET University

Bachelor of Engineering in Computer Science

Belagavi, India

Aug 2021 – May 2025

Sai Niketan PU College

Pre-University Course: Science

Jamkhandi, India

Aug 2019 – May 2021

Rashtrottthana Vidya Kendra School

Secondary Education

Dharwad, India

Jun 2015 – Mar 2019

CERTIFICATIONS

- 100 Days of Code: The Complete Python Pro Bootcamp (Udemy) Apr 2023
- ComedKares: Advanced Figma May 2024

PROJECTS

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

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.

ChatVerse | *React, CSS, Socket.io, VS Code*

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, VS Code*

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, Google Colab*

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

Hack to Future Hackathon Competition

Zonal Level Winner

Belagavi, India

2024

Inter-Branch Football Tournament

Semi Finalist

Belagavi, India

2022