Murghendra Akki

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EDUCATION

KLE Dr MSSCET University — Belagavi, India
Bachelor of Engineering in Computer Science(7.3CGPA) — *Aug 2021 – May 2025*

Sai Niketan PU College — Jamkhandi, India
Pre-University Course: Science(90.5%) — *Aug 2019 – May 2021*

Rashtrotthana Vidya Kendra School — Dharwad, India
Secondary Education(90.4%) — *Jun 2015 – Mar 2019*

CERTIFICATIONS

100 Days of Code: The Complete Python Pro Bootcamp(Udemy) — 2023
Certificate of Completion

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   Belagavi, India
Semi Finalist   *2022*

State Level Kho-Kho Tournament   Dharwad, India
Participant   *2018*