

KARTIK K CHAVAN

INFORMATION SCIENCE AND ENGINEERING

📍 SRINIVASPURA, BENGALURU

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OBJECTIVE

Highly motivated and results-driven software developer with a strong foundation in engineering principles and hands-on experience in full-stack development and machine learning. Seeking opportunities to contribute to impactful projects while growing professionally in a collaborative and innovative environment.

PROJECTS

AI Recruiter Voice Agent

- Developed a voice-based AI recruiter that simulates job interviews, interacts with users via voice, asks role-specific questions, evaluates responses, and generates a detailed eligibility report post-interview to streamline recruitment.
- Tech Stack: Next.js, React, Vapi, Supabase.

AI Shorts Video Generator

- Built an AI-powered platform that generates YouTube Shorts by creating short videos with relevant AI-generated captions and visuals based on user input, streamlining the content creation process.
- Tech Stack: Next.js, React.js, Tailwind CSS, AI, Clerk, Neon.

Brain Cancer Detection

- Developed a machine learning system that detects brain cancer from MRI scans using image processing and CNN-based classification, achieving 79% accuracy to support more accurate and early diagnosis.
- Tech Stack: Python, TensorFlow, Convolutional Neural Networks (CNN).

Age and Gender Prediction

- Developed a machine learning-based web application for real-time age and gender classification using CNNs, featuring optimized image preprocessing, robust validation, and secure file handling, achieving 90% accuracy in gender classification.
- Tech Stack: Flask, TensorFlow, Keras, OpenCV, NumPy, HTML, CSS.

SKILLS AND ACHIVEMENT

- Languages:** Java (Proficient), C, JavaScript (Intermediate), Python (Beginner)
- Frameworks & Tools:** React.js, Node.js, Express.js, Bootstrap, Tailwind CSS.
- Databases:** MongoDB, SQL(Intermediate).
- Version Control & IDEs:** Git, GitHub, VS Code, IntelliJ, Jupyter notebook.
- Soft Skills:** Collaboration, Communication, Planning, Teamwork, Time Management, Leadership.
- Achievements:** 3rd Place - GeeksforGeeks Hackathon for outstanding innovation and collaboration.

EDUCATION

JSS ACADEMY OF TECHNICAL EDUCATION

B.E. in Information Science and Engineering

2022 - Present | CGPA: 8.81

POORNAPRAJNA PU COLLEGE

PCMB | 2020 - 2022 | Percentage: 89%

ST.ANTHONY HIGHER PRIMARY SCHOOL

2018 - 2020 | Percentage: 91%

CERTIFICATES

- Data Structures & Algorithms in Java - Infosys
- MongoDB & SQL - MongoDB University
- SQL Fundamentals - Google
- Java Programming - Abhyuday

LANGUAGES

- English
- Kannada
- Hindi

HOBBIES

- Cricket, Chess, Coding.

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