Krishna Chavda

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EDUCATION

DR AMBEDKAR INSTITUTE OF TECHNOLOGY
BE In Electronics and Communication Engineering
2021-2025 | Bangalore, Karnataka
CGPA: 8.64

MES PRE-UNIVERSITY COLLEGE
Board-XII | Bengaluru, Karnataka
2019 - 2021
Percentage: 90%

SKILLS

PROGRAMMING
• C++ • Python • Matlab • Verilog

FRONTEND
• TypeScript • JavaScript • React.js • HTML/CSS • Next.js • Bootstrap • Tailwind CSS

BACKEND
• Node.js • Express.js • MongoDB • Mongoose • SQL • JWT

TOOLS AND PLATFORMS
• Figma • Git • Visual Studio • Postman

COURSEWORK

• Embedded Systems
• Advance VLSI Design
• Signals and Systems
• Microprocessors and Microcontrollers

HOBBIES

• Crafting compelling narratives through blogging.
• Photography
• Experimenting with global cuisines
• Reading novels

PRACTICE PROJECTS

• To-do APP
• Whack-a-mole
• Simple Quiz

CAREER OBJECTIVE

A motivated Software Engineering Graduate seeking an opportunity to contribute to a dynamic and innovative work environment. Passionate about applying technical skills to develop efficient solutions, enhancing my expertise through continuous learning, and collaborating with teams to deliver impactful results. Dedicated to driving personal growth while aligning with the company's mission to achieve excellence in the software engineering industry.

PROJECTS

AI CONTENT GENERATOR

Review My Project: https://ai-content-generator-project.vercel.app/

Developed an AI-powered content generator using SASS for streamlined and dynamic styling.
Technologies: SASS, AI Models, Web Development Frameworks, REST API
•Developed an AI-powered content generation tool for creating dynamic and high-quality text.
•Integrated OpenAI's language models to generate human-like content based on user input and preferences.
•Utilized SASS for scalable and responsive styling, ensuring a visually appealing and user-friendly interface.

PDF INFORMATION EXTRACTOR

GitHub link :https://github.com/krishnachavda14/pdf-extracter

Developed a web app to extract text from uploaded PDFs and provide a user-friendly interface to view the extracted content.
Technologies: Python, Streamlit, Cohere API, OpenCV, Tesseract OCR
• Integrated Cohere's NLP capabilities to enable users to ask questions related to the PDF content.
• Provided a general QA section where users can ask any question, with responses generated by Cohere's language model.
• Included token limit options for both PDF-specific and general questions to control the length of the generated answers.
• Implemented a function to trim responses to the last complete sentence for better readability.

ROBOTICS ARM GRIPPER

Developed a robust system using Arduino and Bluetooth technology to accurately measure object weight.
Technologies: Arduino, Bluetooth, Load Cell, HX711 Amplifier
• Designed and built a robotic arm equipped with a load cell to measure the weight of objects.
• Implemented Bluetooth communication to transmit weight data to a mobile app.Ensured system accuracy and robustness through calibration and testing.