RITESH CHAKRAMANI

Location: Vijayapura, Karnataka – 586101

Email: riteshchakramani123@gmail.com | Phone: 9632676649 LinkedIn:
https://www.linkedin.com/in/ritesh-chakramani-016a0b235 Github: https://github.com/rc-exe

Portfolio: https://ritesh-chakramani.netlify.app/

SUMMARY

Detail-oriented software developer skilled in **Python, SQL, Java**, and **web technologies**. Experienced in **IoT applications**, **database optimization**, and **web development**. Passionate about building efficient, scalable solutions. Seeking roles in **Python**, **SQL**, **Java**, or **Web Development**.

EXPERIENCE

Software Developer (Freelance)
Sep 2024 – Present

- **Keylogger & Security Monitoring Tool –** Built with Python, Flask, HTML/CSS (Poppins, FontAwesome), and JavaScript. Developed an ethical tool for keystroke logging, application/website tracking, and screenshot capture. Implemented secure login and a modern dashboard with dark/light mode toggle. Designed to run silently in the background without triggering antivirus alerts.
- **AI-Powered Speech-to-Text Web App** – Python, Flask, OpenAI Whisper, FFmpeg, Web Audio API. Developed real-time transcription with voice activity detection, automatic punctuation, responsive UI, and cross-browser compatibility.
- **Education Website –** React, HTML/CSS, JavaScript. Built a responsive site with interactive course content, dynamic loading, search functionality, and a clean user-friendly interface.
- **Resume Parser** – React, JavaScript, Node.js. Created an app to parse resumes, extract key sections, provide ATS-friendly suggestions, and display real-time parsing feedback with a clean UI.

EDUCATION

Master of Computer Applications (MCA) | 2023-2024 Rani Chamamma University,

Belagavi

CGPA: 7.63 | SGPA: 9.5 (Academic Project)

Bachelor of Computer Applications (BCA) | 2019-2022 CES Chetana BCA College,

Vijayapura

Percentage: 74

SKILLS

Programming Languages: Java, Python, C++, C, SQL

Web Technologies: HTML, CSS, JavaScript, PHP, ReactJS

Database Management: MySQL, SQL Queries Optimization

Development Tools: Arduino IDE, VS Code, Cygwin | **Core Skills:** Software Development, Debugging, Web Designing, IoT Integration

Soft Skills Communication, Leadership, Time Management, Risk Handling, Team Worker, Adaptive, Quick Learner & Thinker

PROJECT EXPERIENCE

1. Keylogger & Security Monitoring Tool
Technologies Used: Python, Flask, HTML/CSS (Poppins, FontAwesome), JavaScript

- Developed an ethical tool with keystroke logging, application/website tracking, and screenshot capture capabilities.
- Implemented a secure login page and a modern UI dashboard with dark/light mode toggle.
- Designed to run silently in the background without triggering antivirus alerts.

2. AI-Powered Speech-to-Text Web App
Technologies Used: Python, Flask, OpenAI Whisper, FFmpeg, Web Audio API

- Built a real-time transcription tool with voice activity detection and automatic punctuation.
- Created a responsive UI with neumorphic design and cross-browser compatibility.
- Integrated OpenAI's Whisper for high-accuracy speech recognition.

PUBLICATIONS

- Weather Monitoring System Using IoT – IRIMETS