

RITESH CHAKRAMANI

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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 Intern

Triwits Technologies Pvt. Ltd., Bijapur, Karnataka

May 2024 – October 2024

- Contributed to web-based and desktop software solutions using Python, JavaScript, and SQL.
- Collaborated with a development team to design, code, and test scalable applications.
- Participated in daily stand-ups, code reviews, and agile sprint planning.
- Gained hands-on experience in debugging, deployment, and version control (Git).
- Worked on real-time problem-solving scenarios and client interaction modules.

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](#)