

SREEKAR REDDY PINDI

+91 7995292909 · sreekarreddyp6@gmail.com · <https://www.linkedin.com/in/sreekar-reddy-8bb249287>
· <https://github.com/Sreekarreddy2005> | Yelahanka, Bengaluru, Karnataka

SUMMARY

I am a dedicated student pursuing a BTECH in Computer Science Engineering with a strong foundation in software development and cybersecurity. My experiences include practical internships and personal projects that showcase my skills in programming, web development, and networking. I thrive in challenging environments and am passionate about solving complex problems through innovative solutions.

STRENGTHS

Analytical Skills Strong foundation in real-time software development, allowing effective problem tackling and efficient solution delivery.

Problem-Solving Ability to dissect intricate challenges and devise innovative strategies.

PROFESSIONAL EXPERIENCE

CODSOFT

Dec 2024 - Jan 2025

Java Developer Intern

- Developed and implemented several Java applications, including an ATM interface, a student grade calculator, a currency converter utilizing real-time APIs, and a number guessing game.
- Designed and developed efficient and robust solutions for all projects by applying core Java concepts such as object-oriented programming principles, data structures, and algorithms.
- Leveraged JSON files for efficient data handling and processing during the development of the currency converter application.
- Effectively collaborated with a virtual team, actively participating in code reviews and knowledge sharing sessions.
- Demonstrated strong problem-solving skills by effectively identifying and resolving technical challenges to ensure timely project delivery.

CISCO NETWORKING ACADEMY

May 2024 - July 2024

Cybersecurity Intern

Gained hands-on cybersecurity experience through Cisco Networking Academy's comprehensive training program.


- Technical Skills Developed:
 - Network security principles and protocols (e.g., TCP/IP, SSL, VPN)
 - Vulnerability scanning tools (e.g., Nessus, OpenVAS)
 - Intrusion detection systems (e.g., Snort, IDS)
 - Incident response procedures
-

SKILLS

- Programming languages: C , Java , Python
 - Web Development: HTML, CSS, JavaScript, React JS, Node JS, Bootstrap
 - Systems & Networking: Computer Networking, Embedded Systems
 - DataBases: Postgree SQL , Oracle SQL
-

PROJECTS

Analog To Digital Voice Decoder

 <https://github.com/Sreekarreddy2005/Analog-To-Digital-VoiceDecoder>

Developed a real-time audio processing system that:

- Captures and processes audio input.
- Reduces noise by 25% using advanced filtering.
- Quantizes signals for digital representation.
- Transcribes speech to text with 90%+ accuracy using Google's Speech-to-Text API.
- Improves audio clarity and transcription accuracy by 30%.
- Handles end-to-end audio processing, reducing processing time by 40%.

Technologies: Python, sounddevice, scipy, matplotlib, soundfile, Google Cloud


Applications: Telecommunications, transcription services, voice-controlled applications.

PORTFOLIO WEBSITE

- Developed and deployed a professional portfolio website.
- Utilized HTML, CSS, JavaScript, React to create a visually appealing and user-friendly online presence.
- Designed and implemented a dynamic portfolio website.
- Effectively communicated technical skills and professional accomplishments through the website.
- Incorporated interactive elements and optimized the website for search engines.
- Led the development of a personal portfolio website.

Technologies: HTML, CSS, JavaScript, React JS

P2P-FileSharing-Website


 <https://github.com/Sreekarreddy2005/P2P-FileSharing-Web>

A peer-to-peer file sharing platform project.

- Developed a functional peer-to-peer file sharing website using Python and Flask.
- Implemented file upload features and generated shareable links for uploaded files.
- Enabled flexible sharing options via WhatsApp, email, or direct link copying.
- Implemented secure user authentication using SQL databases.

Technologies: Python , Flask, WebSocket, HTML, CSS, JavaScript, React JS

Weather Website

 <https://66d94e42668125c62c12dec8--bucolic-maamoul-21bcb9.netlify.app/>

A real-time weather website project.

- Developed a real-time weather website using HTML, CSS, and JavaScript.
- Integrated OpenWeatherMap API to retrieve current temperature, humidity, and wind speed.
- Implemented user interface features for displaying weather data clearly and effectively.
- Successfully deployed website on a live platform Demonstrated proficiency in Web Development, API Integration, and Cloud Deployment.