

# SOURAV BHARDWAJ

+91-8218405834 [souravbhardwaj5678@gmail.com](mailto:souravbhardwaj5678@gmail.com) [linkedin.com/in/sourav-bhardwaj](https://www.linkedin.com/in/sourav-bhardwaj) [gitHub.com/Sourav919](https://github.com/Sourav919)  
[souravportfoliowebsite.vercel.app](https://souravportfoliowebsite.vercel.app)

## EDUCATION

Malla Reddy Engineering College

**B.Tech in Computer Science-IOT** | GPA : 8.26

2024

## TECHNICAL SKILLS

**Languages** : Python, Java, Embedded C, SQL, HTML/CSS, Javascript

**Frameworks/Libraries** : Flask, Beautiful Soup, requests, React, Spring Boot, Node.js

**DevOps and API Tools** : Git, Gitlab, Postman, Firebase

**Databases/Cloud and Security Tools** : SQL, MongoDB, AWS, Azure Cloud, SQL Server

**Others** :Data Structures and Algorithms, IOT(Arduino and Raspberry Pi), Problem solving, Team management, Decision-making, Adaptability, Communication, Analytical thinking.

## EXPERIENCE

**NeonFlake** | *Software Engineer Intern*

October 2023 –April-2024

- Enhanced task tracking and management by leveraging Scrum methodologies with Asana, resulting in a 15 percent improvement in project delivery timelines and ensuring 100 percent alignment with client requirements.
- Authored detailed documentation covering clients, codebase, and development architecture, leading to a 25 percent increase in team transparency and understanding throughout the project lifecycle.
- Optimized code quality by writing efficient, reusable, and testable code, conducting regular updates and reviews, which reduced code defects by 30 percent.
- Developed and integrated hardware products using embedded C, bridging them with cloud services, which enabled seamless communication and 20 percent faster data exchange between devices and cloud platforms.

## PROJECTS - (CLICK TO VIEW PROJECT)

**Realtime Weather Application:** | *HTML/CSS, Python-Flask,BeautifulSoup*

Aug 2024

- Designed a weather application leveraging 5 core technologies: Python, HTML, CSS, Beautiful Soup, and Flask.
- Implemented web scraping to retrieve 5 key weather metrics: temperature, humidity, wind speed, precipitation percentage, and weather conditions, all based on user-provided city and country input.
- Achieved 100 percent accuracy in data retrieval with a rapid response time under 2 seconds.
- Deployed and hosted the application on Vercel, ensuring 99.9 percent uptime and scalability.

**Portfolio Website:** | *HTML/CSS, Javascript, Firebase*

July 2024

- Created a personal portfolio website using modern front-end technologies and JavaScript, effectively showcasing skills, projects, and certificates to over 20 monthly visitors. The website features downloadable resumes and dedicated sections for certifications, education, experience, and projects.
- Integrated Firebase for user query handling via the "Contact Me" page, enhancing user engagement and providing real-time data management for improved response times.
- Hosted the website on Vercel, achieving 99.9 percent uptime and ensuring seamless access with fast page load times.

**Photography Portfolio Website:** | *HTML, CSS, Firebase*

August 2024

- Designed and developed a professional photography portfolio web application, showcasing over 50 personally clicked photos using advanced HTML and CSS techniques.
- Implemented an interactive hover feature that transitions photos from black and white to color, enhancing user engagement and visual appeal.
- Integrated Firebase backend to store and manage user responses from the "Contact Me" section, improving functionality and user feedback handling.
- Deployed the application on Vercel, achieving 99.9 percent uptime and fast load times for a superior user experience.

**Audio to Text Convert Web Application:** | *HTML, CSS, React-Javascript, API*

October 2023

- Engineered a real-time speech-to-text web application using React and Assembly AI's API, facilitating efficient transcription for over 10 weekly users.
- Deployed the app on Vercel, achieving a page load time of under 200ms and maintaining 99.9 percent uptime for high availability and performance.
- Enhanced usability by incorporating a dynamic word count feature and real-time timestamps, improving user interaction by 20 percent.
- Integrated external APIs, demonstrating expertise in API-driven front-end development to create a robust and feature-rich platform.

## CERTIFICATIONS - (CLICK TO VIEW CERTIFICATE)

**Microsoft Python Fundamentals**

Microsoft

**Microsoft Azure Fundamentals**

Microsoft

**Software Engineering Virtual Internship**

JP Morgan

**Database For Developers:Foundation and Next Level**

Oracle

**Python Programming**

CISCO

**Data Structures and Algorithms**

Tutor's Campus