Soumya Ranjan Tripathy

B.Tech
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 GitHub Profile
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EDUCATION

•**Government College of Engineering Kalahandi** *2019-2023*
B.Tech, Computer Science and Engineering CGPA: 8.49

•**Shree Edu Scholars +2 SCI and COM COLL, Tujung** *2015-2017*
Council of Higher Secondary Education, Odisha Percentage: 70.5

EXPERIENCE

•**The Sparks Foundation** *Feb 2021-Mar 2021*
Web Development Intern Remote
- I have developed a versatile payment website utilizing HTML, CSS, and JavaScript, enabling seamless transactions across diverse payment methods. Leveraged coding expertise to create an intuitive user interface and ensure optimal functionality.
- I have played a key role in enhancing the website's capability to securely accept various forms of payment. Through adept use of front-end technologies, contributed to a user-friendly and efficient online payment experience.

•**GirlScript Bhawanipatna** *Sept 2021- Sept 2022*
Chapter Lead Bhawanipatna
- I orchestrated numerous workshops and seminars to bolster student development. I conceptualized, planned, and executed diverse events through effective leadership, providing invaluable skills and insights. My role emphasized creating a positive learning environment, fostering collaboration, and ensuring a seamless experience for participants.
- By championing continuous learning and skill enhancement, I contributed significantly to the holistic growth and empowerment of the student community. My tenure reflects a commitment to education, a passion for skill development, and a belief in the transformative power of such initiatives.

PERSONAL PROJECTS

•**Spotify Clone: A Music Streaming Web Application**
I have developed a robust and responsive music streaming web application, emulating the features and design of Spotify.

- Tools & technologies used: React.js, Tailwind CSS, API, Git, npm
- The application allows users to search for their favorite songs, artists, and albums, and also provides the functionality to create and manage personalized playlists. The project showcases proficiency in modern front-end technologies, including component-based architecture, state management with hooks, and responsive design using Tailwind CSS. The application's user-centric design and intuitive interface provide a seamless and enjoyable user experience. This project demonstrates my ability to build complex, full-stack applications, and my commitment to delivering high-quality, user-friendly products.

•**YouTube Video Transcript Summarizer** *April - July 2023*
I have collaborated as a front-end developer for this project and contributed to back-end and debugging.

- Tools & technologies used: Python, Flask, HTML, CSS, JavaScript, Python libraries like Transformers, YouTube API
- The system, built with Python and Flask for back-end functionality, seamlessly integrates HTML, CSS, and JavaScript for an intuitive user interface. This innovative tool automates the summarization of YouTube video transcripts, enhancing accessibility and content comprehension. My role encompassed refining the user experience, addressing back-end intricacies, and debugging to ensure optimal performance. The project stands as a testament to our interdisciplinary approach, merging programming languages to create an efficient and user-friendly solution for video content summarization.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Java, JavaScript, HTML, CSS, ,MySQL, React, Tailwind CSS, VB.Net, C++
Developer Tools: VS Code, Eclipse, Sublime Text Editor, Chrome, Terminal
Frameworks: Linux, Git, GitHub, Bootstrap
Cloud/Databases: MySQL
Coursework: Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networks Software Engineering
Soft Skills: Communication, Leadership, Problem-solving, Creativity, Teamwork, Project management, Adaptability
Areas of Interest: Full Stack Development, DevOps, Cloud Computing, Data Science

ACHIEVEMENTS

- **Member of Developer Student Club**   *2020 - 2021*
- **Solved 200+ DSA problems across platforms**   *2023*
- **Google Kickstart** Rank - 2263/10000   *2021*
- **District Level Quiz Champion** State-level contender, narrowly missed victory   *Dec 2011*

CERTIFICATIONS

- **PCAP: Programming Essentials in Python (CISCO)**
- **Learn to Code for the Web (FutureLearn)**
- **Introduction to CyberSecurity (CISCO)**

POSITIONS OF RESPONSIBILITY

- **Member,** Coding Club   *2019- 2023*

  - Actively participated in coding workshops, hackathons, and collaborative projects, honing practical coding skills and gaining hands-on experience in Python, Git, Web Development, etc.
  - Engaged in a supportive community of fellow enthusiasts, fostering knowledge exchange and networking opportunities.
  - Contributed to different projects, demonstrating problem-solving and teamwork abilities.

- **Member,** Literature Club   *2019- 2023*

  - Engaged in lively discussions on various literary works, enhancing critical thinking and analytical skills.
  - Collaborated with fellow members to organize literary events, including book readings, author talks, and themed discussions.
  - Fostered a love for literature and cultivated a supportive community for literary enthusiasts on campus.