SWARNALI SINGHA

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Summary

To work in an environment that encourages critical thinking and creativity, allowing me to utilize my skills effectively. I am seeking opportunities that challenge me to go beyond merely absorbing information, fostering both personal and professional growth.

Experience

TATA ELXSI | Maharashtra, Pune
Software Engineer | 09/2022 - Present
During my full-time role as a Software Developer at Tata Elxsi, I had the opportunity to specialize in Android Development, where I actively engaged in building applications and became proficient in unit testing techniques to ensure the reliability and functionality of software products.

Driver Monitoring system(May 2024 - Present) A driver monitoring system utilizes cameras and sensors to detect signs of driver fatigue, distraction, or impairment in real-time. This technology provides timely alerts and interventions to ensure road safety by keeping drivers vigilant and focused.

Faurecia SOC (May 2023 – May 2024) Providing easy-to-understand, on-demand access to content will enhance power state management, optimizing performance and efficiency. This improvement aims to significantly enhance the overall user experience.

NITC Social Network (Jan 2021 - May 2021) The aim of the project is to promote discussions, using this tool students of NITC can post their doubts and can reply for the other student's doubts. It can help foster a sense of community and encourage peer to peer interaction and improve learner engagement. [Find Project Here](#)

License Plate Recognition (April 2020 - May 2020) Developed a system utilizing a K-Nearest Neighbors (KNN) classifier for accurate recognition of characters on license plates. The project incorporated advanced image processing techniques to preprocess and analyze the license plate images, ensuring precise character identification..

Skills

C/CPP, Java, Python, SQL, HTML, CSS, JavaScript, React, Data Structure, Android Development

Education

National Institute of Technology, Calicut | Calicut, Kerala
MCA | 05/2022

Languages

English, Hindi, Bengali

Achivements

[Hackerrank Profile](#)

[GFG Profile](#)

Volunteer

Core Committee member of Nakshatra 2020, All India MCA Tech fest integrated and coordinated various operations of the events, gave creative inputs, edited event related articles.

Hobbies

Learning new technologies, Listening Music, Travelling