SANKHADIP BERA

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PERSONAL DETAILS	**Gender**: Male **Date of Birth**: 18/04/2001
PROFESSIONAL SUMMARY	I am a final year Computer Science Engineering student of NIT Durgapur with a strong foundation in C++, Python, and Android development. Skilled in Data Structures, Algorithms, OOP, and database management (MySQL, MongoDB). Proficient in web technologies including Node.js, React.js, Flask, with practical OpenCV and Flutter experience. I am a former **Software Developer intern (MAGPIE) at Samsung R&D, Bangalore**, (may:2023 to july:2023). I am eager to leverage diverse skills for impactful software engineering projects.
EXPERIENCE	**SWE INTERN**, 05/2023 - 07/2023 **Samsung Research Institute, Bengaluru, India** • project: **Crash Database Development** • A productive web application to fetch crash reports from different servers and store them into particular schema and visualize those data in a particular format including manipulation options. • Technology used: ReactJS, MongoDB, Flask-Python web server
CORE QUALIFICATIONS	•Technical Skills : •C/C++, python •Data Structure, algorithms, OOPs, DBMS, Problem solving, Data Analysis •MySQL, MongoDB •NodeJS, Flask, ReactJS, React Native •Backend development, Android Development, APIs Development, MERN development •Tools- OpenCV(python), Android studio •Non-Technical Skills : Decision Making, Leadership, can work under pressure
EDUCATION	*National Institute of Technology*, *Durgapur, Durgapur, WB, 2024* **Computer science and engineering** • **Degree:** B.Tech. • **CGPA:** 8.95 • 2020-2024
	WBCHSE, West Bengal, India, 2019 XII: pure Science percentage: 98%
	WBBSE, West Bengal, India, 2017 X: Science percentage: 95.57%

ACCOMPLISHMENTS	**Projects** **Video Broadcasting Application** •A android based video streaming application in java with cache memory and android WIFI D2D Communication with UDP broadcasting mechanism. over different groups of a network over a managed switch and routers. This will help to select optimal server/device location for faster access and reduce video buffering time - Link: *https://github.com/Sankhadip-007/Video-Streaming-app/tree/main* **Medical Assistant Application with Medical Recommendation System** - An user friendly react application for both doctors and patients where - doctors/patients can find all medical reports, appointments booking along with smart disease prediction tool and recommendation system. - Technology used: React.JS, Node.js, mongo dB, python model
ACADEMIC ACHIEVEMENTS	• Secured 6th rank in class 12 state board state board exam | HS 2019 • JEE Advanced Qualified – 2020
LANGUAGES	**English:** C2 Proficient **Hindi:** B2 Upper Intermediate **Bengali:** C2 Proficient
HOBBIES	• Cricket, Badminton, E-Sports • Drawing, Artworks, Photography