

SHUBHAJIT RANA

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ABOUT

3rd Year Electrical Engineering undergrad at National Institute of Technology Agartala, having a keen interest in problem-solving, Front-end Development, and Native Android Development.

EDUCATION

Bachelor of Technology in Electrical Engineering	Expected 2025
National Institute of Technology Agartala	CGPA: 8.64

12th Grade in PCMB	2021
Nayabasan JanaKalyan Vidyapith-H.S. (WBCHSE)	Percentage: 90.20

10th Grade	2019
Nayabasan JanaKalyan Vidyapith-H.S. (WBBSE)	Percentage: 90.29

SKILLS

Technical Skills	C/C++, Python3, Java — HTML/CSS, JS — Git, GitHub, Android Studio Excel, PowerPoint, Ms-Word
Language	Bengali, English, Hindi
Soft Skills	Communication, Presentation, Problem Solving

PROJECTS

- **Arduino Bluetooth Controller** Link- [GitHub](#)
I have understood the workings of the Arduino microcontroller and Bluetooth module and build an Android app to interact with the Arduino microcontroller using Bluetooth communication. This app allows users to remotely control and monitor their Arduino-based projects or devices via a Bluetooth connection.
Technologies used: Android Studio, JAVA, XML, Bluetooth
- **Notes App** Link- [GitHub](#)
I Build an Android notes application that can keep notes with note timing and Heading. Kept notes can be deleted.
Technologies used: Android Studio, JAVA, XML, Realm database
- **Basic Calculator** Link- [GitHub](#)
I build a Basic Calculator App (Similar to Realme/Oneplus Device).
Technologies used : Android Studio, JAVA, XML

ACHIEVEMENTS

Competitive Programming	Newbie at CodeForces (Max. rating 1115) 2 star at CodeChef (Max. rating 1487) 200+ CP Problems solved over all platforms.
DSA	350+ Problems solved in LeetCode (Max. rating 1714)
Other	Selected for JBNSTS Junior Scholarship Award, 2019 Selected in “Yubo Biggan Mela, 2019” model competition at State Level, WB Qualified NMMSE in 2016

EXTRA-CURRICULAR ACTIVITIES

- **PIXEL-Photo-Graphics Club** March'23 - Present
Photography Lead at Pixels-Photo-Graphics Club NIT Agartala. Actively participate in capturing all the events conducted in college.