



Jaswanth Malla

Roll No.:220102057

B.Tech - Electronics and Communication

Engineering

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Github |

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.06 (Current)	2022-Present
Senior Secondary	State Board	98.3%	2022
Secondary	State Board	97.17%	2020

PROJECTS

- **Beyond Bits** Feb 2024
Kriti, Inter Hostel Tech
 - Designed a System that can mimic the working of an Analog Calculator which is capable of processing different arithmetic expressions on command
 - The arithmetic expression to be evaluated is communicated to the hardware through bluetooth and an microcontroller is used for reading the input and decoding it.
- **Blogging Website** Github
The website which allows user to update their blogs and visit their previous blogs
 - Implemented features for user authentication, dynamic content creation, and optimized site performance, resulting in a responsive and engaging blogging platform
 - Ensured a smooth user experience and robust data management for a dynamic blogging community
- **Spotify Clone** Github
Spotify is a popular music streaming service
 - Implemented responsive user interfaces and interactive components, offering a seamless music streaming experience with dynamic playlist functionalities
 - Implemented real-time updates, playlist management, and user authentication for a polished and immersive music streaming application, highlighting a strong grasp of modern front-end development principles

TECHNICAL SKILLS

- **Programming:** C/C++, JavaScript, Python*
- **Web Technologies:** HTML, CSS, React JS, Node JS, Bootstrap*, TailWind CSS*
- **Version Control System:** Git, Github * Elementary proficiency

KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus, Probability & Random Processes
- **Computer Science:** Introduction to computing
- **Electronics:** Digital Circuits, Signals and Systems, Semiconductor Devices, Control Systems, Analog Circuits
- **Product Management:** Product Matters 3.0

ACHIEVEMENTS

- **JEE Advanced 2022**, Secured **AIR 3514** among 0.15 million candidates appeared for the test 2022
- **JEE Mains 2022**, Secured **AIR 8019** among 2.2 million candidates appeared for the test 2022

POSITIONS OF RESPONSIBILITY

- **Undergraduate Senator**, Student's Gymkhana Council, IIT Guwahati Apr. 2024 - ongoing
 - Elected as an UG Senator at Student Gymkhana Council which involves several committees that deal with improvement of campus and represents the issues of students to the administration

EXTRACURRICULARS

- **Associate Manager**, Disrupt in Udgam, The Annual Entrepreneurship Summit of IIT Guwahati
- **Associate Executive**, Alcheringa, The largest college festival of North-East India Jan 2023 - Feb 2023
- **Organizer**, Techniche, The Annual techno-management festival of IIT Guwahati Mar 2023 - Sept 2023
- **Executive**, Alcheringa, The largest college festival of North-East India July 2023
- **City Representative**, Technothlon May 2023 - July 2023
- **Volunteer of Welcome On Board**, Social Service Club July 2023