

Swikruti Sahu

Final Year (B.Tech)
Electronics & Telecommunication Eng.
at VSSUT, Burla
CGPA: 7.45 till 6th Semester

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Web.:https://swikruti26.github.io/portfolio/

Links

Github:// <https://github.com/swikruti26>
LinkedIn:// [swikruti26](#)
Hackerrank:// [swikrutisahu0071](#)

Skills

C/C++
SQL
Data Structures and Algorithms
Data Science
Microsoft Excel
Microsoft Power BI

Coursework

C++ Programming
Data Structures & Algorithms
SQL
Microsoft Excel
Microsoft Power BI

Education

2020-2024
B.TECH. IN ETC
VSSUT, Burla
CGPA : 7.45

2020
INTERMEDIATE
Khallikote Junior College
Percentage: 68%

2018
HIGH SCHOOL
St.Vincent's Convent School
Percentage: 90%

Languages

English
Hindi
Odia

Extra Curriculum

Content/Abstract Writing
Solving Case Studies
Debating

Experience

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- 05/2022 - 06/2022 **Microsoft** **Mentee**
I was selected for Microsoft Engage Mentorship Program where I attended different workshops conducted by Software Developers of Microsoft on Data Analysis and Competitive Coding. Here, I worked on my project - Data Analysis of Indian Automotive Industry.
- 2020-NOW **Idea Innovation Cell** **Core Technical Member**
I am a member of Idea Innovation Cell which is the official Innovation Cell of VSSUT, Burla. I serve the team in the coding domain by building projects that solve both Business Challenges as well as Problems at the grass-root level.
- 2020-NOW **Google Developer Student Club, VSSUT Burla** **Core Member**
I am a Core Technical Member of GDSC, VSSUT Burla which is a group of like minded people who enjoy Coding. I am here as a Competitive Coder and my other roles include organizing and managing club activities like Workshops, Seminars etc.

Projects

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- Data Analysis of the Indian Automotive Industry (Microsoft Engage)**
Developed tools for Data Analysis of the Indian Automotive Industry for drawing inferences and predictive analysis using Regression .
Tech Stack: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn)
- Aastha - Depression Help Chatbot**
Developed a Chatbot that uses Natural Language Processing to help people with Depression.
Tech Stack: Dialogflow API
- Sales Insights and Forecasting of a Computer Hardware Manufacturer**
Built a Power BI dashboard to understand the sales trend allowing the users to understand the data and make informed decisions.
Tech Stack: Power BI, SQL
- IPL Data Analysis (2008-2017)**
Analyzed various parameters like balls per wicket (BPW), balls per six (BPS), and runs per wicket (RPW) etc. for optimal team selection and effective use of players.
Tech Stack: Python (Pandas, NumPy, Matplotlib, Seaborn)

Achievements/Awards

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- Selected for Microsoft Engage 2022
 - Obtained a 5-star gold badge in C++ (Hackerrank)
 - District level English Debate competition Winner
 - Runner's Up in Inter School Essay Competition