Hitesh Sugandh
National Institute of Technology Warangal (India)

LinkedIn:www.linkedin.com/in/hitesh-sugandh/

Education

Program	Institution/Board	CG	Year
B.Tech. (Bio-Technology)	National Institute of Technology Warangal	7.72/10	2020-present
Class 12th	Taywade College, Maharashtra Board	85.38%	July 2020
Class 10th	Centre Point School, CBSE	92.4%	July 2018

Work Experience

- **Kyoto University** | Reseach Intern — June 2023-Aug 2023
  - Conceptualized and planned the designing of a florescent biosensor, aligning it with precise research objectives and application requirements.
  - Applied expertise in molecular biology and biochemistry to craft the molecular architecture of the biosensor, achieving enhanced sensitivity and specificity

- **Digitalaxo** | Graphic Designer — Mar 2022-Aug 2022
  - Crafted engaging visual content through posters and videos to enhance communication.Executed projects with a focus on visual excellence, bringing ideas to life and engaging audiences effectively.

Key Projects

- **Online Payment Interface Database Design**
  - Developed an effective ER model to manage payment data encompassing login, contacts, debits, credits
  - Developed a user-focused database for an online payment interface, addressing a range of user needs and requirements.Utilized normalization for efficient databases and crafted SQL queries for seamless operation.

- **Analysis of Superstore Sales Data**

  Open-source dataset Power BI project
  - Analyzed global supermarket sales data quantitatively, offering data-driven recommendations, and creating a visualized dashboard.
  - Provided inventory management solutions and recommended targeted marketing strategies for high-potential segments..

- **Local Website Blocker**
  - Developed an open-source software that not only effectively prevents access to harmful websites at the local level but also allows users to block websites of their choice, to ensure user security.

Skills and Courseworks

- **Programming Language:**Python(Library-Numpy,Pandas,Cryptography), Bash, SQL, R, C++

- **Tools:**Microsoft Excel, Microsoft Word, Microsoft Powerpoint,Power BI, Linux

- **Soft Skills:**Communication, Problem-Solving, Leadership, Management

- **Courseworks:**Human Resource Management, Biocomputing, PSCP, Biostatistics ,Data Analytics Course,Zero to hero in Microsoft Excel(Udemy), Cybersecurity (Indo-Dutch Cybersecurity Summer School)
- **Languages:**Hindi, English, Marathi, Sindhi

Positions of Responsibility

- **Deputy Secretary** Patriotic Club (June,2021-present).
- **Events Management Sub Core** of SpringSpree(South India's largest cultural fest) (March-April,2023).
- **Joint Secretary** at Literature and Debating Club (July 2021-present).
- **Designer** of iGEM NITW (May-November 2021).

Volunteering

- **Think India** | Head Design Team — Aug 21-Present
  - Promoting awareness about social issues, providing platforms for intellectual discussions and debates, and encouraging students to actively participate in nation-building activities.
- **Reticulum** | Media Lead — Sept 2021- Present
  - Building a STEM student community for experiential learning and knowledge exchange.

Achievements/Awards

- **Achieved Silver Medal in iGEM:21**
- **Secured Silver Medal GOGEC:21**