# SANKET JAGTAP | 21AG10032

## AGRICULTURAL & FOOD ENGG.(B.Tech 4Y)

## EDUCATION

| Year | Degree/Exam | Institute | CGPA/Marks |
|------|-------------|-----------|------------|
| 2025 | B.TECH | IIT Kharagpur | 7.70 / 10 |
| 2021 | Class XII, MSBSHSE | Rajarshi Shahu Jr. College | 92.17% |
| 2019 | Class X, MSBSHSE | Bharat Vidyalaya Buldana | 97% |

## INTERNSHIPS

**Data Scientist | Personifwy**                                                                 **May 2023 - June 2023**
- Developed an interactive **rule-based chatbot** using Python, skillfully utilising an efficient dictionary-based pattern-response system
- Demonstrated **problem-solving skills** by promptly addressing potential errors during user interaction, ensuring a smooth user experience
- Efficiently utilised **Git/Github** to manage and track changes to chatbot's code, enabling collaboration and maintaining the code's integrity

**Web Developer** | **Youth Empowerment Foundation**                                            **Oct 2022 - Nov 2022**
- Designed and developed an **engaging** and **user-friendly** website, utilising interactive and dynamic elements to enhance user experience
- Implemented performance optimisations, resulting in a significant **60% reduction** in website loading time for seamless user navigation
- Conducted research on **emerging web technologies** and best practices, driving improvements and incorporating cutting-edge solutions

**Research Intern** | **SIDALCEAS EduTech**                                                      **Dec 2022 - Jan 2023**
- Conducted **market research** to proactively identify emerging trends and opportunities for innovative educational product development
- Assisted in developing **prototypes** for potential educational tools and technologies, actively contributing to company's strategic decisions
- Analysed extensive research data, including **user feedback** and **market insights**, to inform evidence-based product development
- Honoured with the **Intern of the Week award** for exceptional work, demonstrating strong data analysis skills and impactful outcomes

**Business Analyst | Finlatics**                                                                **Dec 2022 - Jan 2023**
- Utilised **MECE problem-solving**, **MS Excel** & **Power BI** to solve case-based projects, including consumer behaviour analysis successfully
- Tackled various **business cases**, enhancing profitability for a multinational tech company and assessing the feasibility of tourism projects

## PROJECTS

**Automated Data Extraction and Transformation | IIT Kharagpur - Prof. Anubhab Pattanayak**      **May 2023 - June 2023**
- Developed scripts using **Python** to extract data from the **PDF files** and transform it into a structured format for insertion into **CSV files**
- Demonstrated outstanding skills in teamwork, effective communication, leadershipand and received a positive letter of recommendation highlighting strong analytical abilities, systematic task approach, and proficiency in **Python programming** for data management

**FIXIT | Pitch Deck | Rajendra Mishra School of Engineering Entrepreneurship | IIT Kharagpur**   **April 2023**
- Developed a compelling **pitch deck** for the innovation and entrepreneurship course, showcasing the groundbreaking Fixit startup idea
- Resolved **time and skill constraints** faced by citizens, effectively addressing the lack of skilled professionals for household problems
- Introduced Fixit: an innovative platform which connects users to skilled professionals for **plumbing, carpeting, and electricity services**
- Received an **excellent grade (EX)** for the pitch deck, reflecting the strong presentation and the innovative thinking in the Fixit startup idea

**Responsive Portfolio Website | Self Project**                                                 **April 2022 - May 2022**
- Designed and developed a personal portfolio website using **HTML**, **CSS**, and **JavaScript** to showcase skills, projects, and achievements
- Implemented an effective **responsive web design** approach, ensuring optimal viewing experience across various devices and screen sizes
- Implemented a **contact form feature** on the portfolio website, allowing visitors to get in touch and send inquiries or messages easily

## SKILLS AND EXPERTISE

**Industry Domain Knowledge:** Front End Development, Responsive Web Design, Machine Learning, Data Visualization, Data Analytics
**Languages, Frameworks and Libraries**: C, C++, Python, HTML, CSS, Javascript, NumPy, Pandas, Bootstrap, jQuery
**Tools and Technologies**: Git/Github, Microsoft Excel, Power BI, Adobe Photoshop, Adobe Premiere Pro, Microsoft Azure

## COURSEWORK INFORMATION

Data Structures & Algorithms | Programming and Data structures | Probability and Statistics | Advanced Calculus | Partial Differential Equations | Linear Algebra | Neural Networks | Introduction to Innovation & Entrepreneurship

## POSITIONS OF RESPONSIBILITY

**Member | Technology Adventure Society | IIT Kharagpur**                                        **Jan 2022 - April 2023**
- Managed and maintained the **society's website**, actively implementing **design updates** and enhancements to optimise user experience
- Publicised and conducted various in and off-campus 1 and 2-day events and trips, witnessed a **20% YOY increase** in participation
- Hosted introductory seminar attended by over **400** First year UG students, resulting in a remarkable **35% YOY increase** in participation
- Taught **HTML**, **CSS**, **JavaScript**, and **React,** along with the basics of **Adobe Photoshop** and **Adobe Premiere Pro,** to **32** first-year students

**Member | AIESEC | IIT Kharagpur**                                                             **July 2022 - Jan 2023**
- Skillfully managed the **marketing portfolio** and implemented effective strategies to drive substantial organisational growth and success
- Organised and skillfully led an engaging and insightful **Android Development workshop**, attracting the participation of **over 240 students**

## EXTRA CURRICULAR ACTIVITIES

- Participated in the prestigious **Open IIT Data Competition** and successfully solved the given problem with **86.79 % accuracy** using Python
- Taught and mentored **over 500** JEE and NEET aspirants on the Filo platform, receiving an outstanding average rating of **4.86 out of 5**
- Secured the **1st prize** in Science Exhibition at TECH VISION - 2018, a **National level technical event**, competing in under 17 teen category
- Part of the successful District Cricket Team (2016-2019) and awarded the **Man of the Match** title **3 times** for Extraordinary performance

!Self declared by the student, CDC could not verify the relevant documents