

# SRUSHTI SAWANT

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## SUMMARY

Determined Electronics and Communication Engineering student with a strong academic background, I am seeking opportunities to apply my passion for data in crafting innovative solutions for informed decision-making. Leveraging interdisciplinary expertise, I aim to contribute valuable insights as a dedicated data professional.

## EDUCATION

### Bachelor of Electronics and Communication Engineering

2021-2025

MIT World Peace University, Pune

**Relevant Coursework:** Probability and Statistics, Linear Algebra and Calculus, Differential Equations and Transform Techniques, Database Management System, Data Science, Data Structures and Algorithms, C++ and Java Programming, Linux Based Python Programming, C Programming, Design Thinking Laboratory

**Workshops:** Neural Networks, ChatGPT, and PCB Designing and Manufacturing

## SKILLS

**Languages:** Python, SQL, R, HTML, CSS, C, C++, Java

**Tools and Software:** Tableau, Power BI, MATLAB, Tensorflow, Matplotlib, Numpy, Pandas, Proteus, NI Multisim, AutoCAD, Figma, Canva

**Soft skills:** Creative, Resilient, Leadership, Cross cultural competence, Attention to detail, Public Speaking

## WORK EXPERIENCE

### AI Intern

January 2024 - Present

Canspirit AI, Pune

Debugging websites within AWS environment, contributing actively to Drupal and Python development. In AWS, I troubleshoot and optimize web applications, while in Drupal, I focus on module customization and theming. In Python, I enhance backend infrastructure, crafting robust solutions.

## POSITIONS OF RESPONSIBILITY

### Head of Electronics Department | Innovation Hub (Student's Innovation Council of MITWPU)

May 2023 - Present

Leading the design, testing, and maintenance of electronic systems, ensuring project quality. Facilitating ethical research, recruiting, and supporting department members. Managing diverse college and industrial projects while overseeing the research and patent unit, promoting innovation, and fostering patent and research paper submissions.

### Student Placement Representative | MITWPU

February 2023 – Present

Managing placement activities and overseeing the placement registration software for the Class of 2025 at my school, ensuring seamless and efficient placement processes.

### Event Organiser | MITWPU

September 2023 – October 2023

Organized the Smart India Internal Hackathon 2023 (MITWPU), fostering nationwide student participation in problem-solving and innovation. Led logistics and served as the local lead for Pune in the NASA Space Apps Challenge 2023, uniting over 600 participants from 24 universities to address challenges in space exploration and on Earth in a 48-hour hackathon.

### Social Media Designer | Society of Women Engineer MITWPU

September 2022 – January 2024

Crafted and modified compelling designs, including social media posts, posters, and detailed specifications for various platforms. Additionally, produced bill of quantity and design calculations with precision.

## PROJECTS

### Non-Invasive Blood Glucose Monitoring System

February 2023 – April 2023

Revolutionized diabetes care with a real-time machine learning algorithm and an indigenous non-invasive blood glucose monitoring system, ensuring comfort, accuracy, and personalized insights for proactive health management.

Co-inventors: Parth Salke, Omkar Sangrulkar, Om Godbole, Parth Muley.

### Walmart Sales Analysis on Tableau ([Tableau Public](#))

July 2023 – August 2023

The Walmart Sales Analysis Dashboard offers real-time insights into sales performance, product categories, store-wise trends, and customer segmentation. It empowers decision-makers with actionable data for strategic business optimization.

### Drowsy Driver ([Patent](#))

April 2022 – Present

Developed a safety technology mitigating accidents from fatigued drivers by delivering real-time alerts, emphasizing safety, and minimizing the risks associated with drowsy driving incidents.

Co-inventors: Ronit Jain, Pratyancha Joshi, Gauri Gujrathi, Sarthak Wavare.

## CERTIFICATIONS

- [Getting Started with Agile](#) by Infosys Springboard
- [Data Analytics and Data Tableau](#) by Jobaaj.com
- [Analyzing and Visualizing Data with Microsoft Power BI](#) by LDIFU (Let's Do It For You)
- [Mern Stack Web Development](#) by KODEIT Solutions