Sayandip Sharangi

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Professional Experience		13 Months
Digidrub India Private Limited	**Junior AR/VR Developer**	**Mar '24 –Apr '25**

- **Led a 6-member team** and developed a VR simulation of the Gettysburg Address with **spatial audio, NPC animation, and interactive environments** – raised student engagement by **40%** and retention by **35% among 150+ learners.**
- Participated in **cross-functional collaboration with educators and healthcare experts** to define product requirements, prioritize features, and build scalable solutions on **Oculus Quest 2 and WebXR.**
- Designed **ACLS/BLS medical VR training** for a client, replicating emergency procedures in virtual settings, which cut **mannequin use by 35%** and increased **learner confidence by 25%.**
- Launched and managed **Web AR application (Mamalift)** for pregnant women, integrating AR overlays and gesture cues – tested with **50+ users**, achieving **85% positive feedback** on reduced strain and **20% improvement** in task independence.

Academic Record

PGDM – Big Data Analytics	2025 – 27	Goa Institute of Management, Goa	Pursuing
B. Tech (Computer Science Engineering)	2019 – 23	Techno India University, West Bengal	7.68 (CGPA/10)
HSC – 12th (Science with Biology)	2018 – 19	St. Augustine's Day School, Barrackpore	74.3%
SSC – 10th (Science)	2016 – 17	St. Augustine's Day School, Barrackpore	85.66%

Academic Achievements & Certifications

- Certified in **Generative AI and Large Language Models** by Google Cloud (LinkedIn), 2024.
- Certified in **Python, Data Analysis, and visualizations** by Udemy, Coursera, 2023.
- Certified in **SAP S4HANA Development** by SAP University Alliances, 2022.

Live/ Academic Projects

Stock Predictor and Alert System- Python	**Ideated and built** real-time stock monitoring pipeline for 'Apple', 'Tesla' and 'Microsoft' stock prices with automatic fetching and **structured excel storage (1000+ records/hour).** - Implemented **Linear Regression** model to **forecast next 10 timestamps** with live-refresh visualizations in Jupyter Notebook. - Reduced **manual tracking effort by 80%** and enables faster, data-driven trading decisions without visiting the stock tracking websites.
Automated Slot Booking Chatbot for WhatsApp Web - Python (Regex)	- Innovated and published a **WhatsApp Web automation bot** (Selenium + Regex) on **ResearchGate**, gaining 20+ reads/reposts from developers; **automated slot booking** with 100% accuracy and **reduced manual effort by 90%.** **Optimized real-time polling** (< 5 sec latency) with persistent Chrome sessions, enabling **continuous schedule monitoring** and **message input** with full formatting. - The automation **eliminates** the need for manual entry - enabling users to secure slots automatically.
Apple iPhone Sales Analysis - Python / Power BI	**Developed a Flipkart sales analysis project using Python and Plotly** to rank the top 10 iPhone by ratings/reviews, identifying the highest – selling iPhone model on the platform. - Plotted graphs and calculations using **NumPy and Plotly** to explore **pricing, discounts and customer sentiment,** highlighting affordability (**<50,000 rupees**) as a key driver of higher ratings. - Delivered insights on buyer behavior and product positioning, demonstrating how **data-driven analysis** can guide **marketing and pricing strategies**.

Positions of Responsibility

Junior Core Committee Member of Oxygim – The official band of the Goa Institute of Management: Collaborated with a 25-member team to plan and strategize cultural events at GIM, performing as an instrumentalist; contributed to shows attended by 500+ students, enhancing event execution and **audience engagement by 30%.**

Core Competencies

Software Packages	- Microsoft Power BI, Tableau, MS Excel Macros.
Programming	- SQL, Python, Git/GitHub, C#.