

Sudarshan Ellora

+91 7349309041 | sudarshanelluru01@gmail.com | www.linkedin.com/in/sudarshane | <https://www.sudarshanellora.com>
<https://github.com/sudarshanellora> | <https://www.hackerrank.com/profile/sudarshanelluru1>

PROFESSIONAL SUMMARY

Business Analyst with strong academic and industry exposure in business operations, data analytics, and cross-functional team management. Proven track record in delivering strategic insights through Python, SQL, Tableau, and Lean Six Sigma methodologies. Incoming MSc Business Analytics student at UCD Smurfit Business School, passionate about data-driven decision-making, operations optimization, and client-focused solutions

EDUCATION

UNIVERSITY COLLEGE DUBLIN - UCD MICHAEL SMURFIT GRADUATE BUSINESS SCHOOL, Dublin, Ireland Sep – 2025
Master Of Science in Business Analytics

- Incoming Student

JSS ACADEMY OF TECHNICAL EDUCATION, Bangalore, India Aug 2019 – Jun 2023

Bachelor of Engineering in Electronics and Communication Engineering, **CGPA: 8.47 /10.00**

- Coursework: Network theory, Analog circuits, Digital Signal Processing, Communication System, Embedded System, VLSI
- Key Achievements: International Publication, Co-founder of AI Club

SKILLS & CERTIFICATIONS

- Tools & Languages: Python, SQL, R, Tableau, Power Bi, Trello, Tally, Microsoft Office
- Analytics & Techniques: Data Analytics, Visualization, Machine Learning, Deep Learning(basics), Statistical Analysis
- Certificates: Lean Six Sigma Yellow Belt & White Belt, Python, SQL, Data Analysis, Linux and Data Analytics, Cloud Computing
- Languages: English (CEFR C1 - Duolingo Score: 130 Speaking: 135, Writing: 140, Reading: 125, Listening: 120)

EXPERIENCE

DIVYA ENTERPRISES (WIRED MODE), Bangalore, India Oct 2024 – Jul 2025
Management Trainee

- Conducted in-depth analysis of business, production, and supply chain data using Python, SQL, R, Tally, and Tableau to generate strategic insights and optimize performance
- Consolidated and analyzed cross-functional datasets to uncover profit leaks from defective production; assessed quality metrics, waste patterns, and delivery timelines driving operational improvements that saved the organization over INR 2 crore (~€220,000) per month.
- Supervised production processes to ensure quality and improve efficiency, saving 200+ man-hours for the organization.
- Managed 12 direct reports across materials management, warehousing/transportation, and client service departments, ensuring adherence to KPIs, process compliance, and smooth day-to-day operations.
- Created interactive dashboards for executive reporting, aligning insights with business goals.

PROJECTS

JSS ACADEMY OF TECHNICAL EDUCATION, Bangalore, India Aug 2022 - Aug 2023

Non-Invasive method of Hemoglobin and Glucose level detection using Raspberry pi

- Spearheaded a collaborative effort with a team of four to efficiently gather PPG signals and metadata using the advanced max30102 pulse oximeter sensor, resulting in accurate hemoglobin and glucose level during the data collection phase
- Skillfully applied statistical analysis techniques to extract essential morphological features, contributing to comprehensive data interpretation
- Innovatively devised a highly effective KNN regressor model, enabling prediction of hemoglobin and glucose levels
- Successfully secured funding from KSCST for the project and showcased our work at the prestigious IEEE conference

JSS ACADEMY OF TECHNICAL EDUCATION, Bangalore, India Apr 2022 - Jul 2022

Health monitoring System using Raspberry pi.

- Lead a team of 4 to design a health monitoring system using raspberry pi and took input data samples using max 30102 high sensitivity Pulse Oximeter sensor
- Generated heart rate by peak-to-peak sampling and regressed a deep neural network model for blood pressure using mimic 3 dataset with 20.1115% loss

EXTRACURRICULAR ACTIVITIES

- Co-founder of AI Club in JSS Academy of Technical Education, Electronics and Communication Department
- Student Coordinator for Hands on Python session conducted by AI Club

ACHIEVEMENTS

- Published an **International Journal Paper** of Project Work in EMMITTER International Journal of Engineering Technology
- Secured **4th Best Mini Project** among more than 50 groups in in Electronics and Communication Engineering Department, JSS Academy of Technical Education, Karnataka.
- Presented Technical Seminar on "Real-Time Quadrupedal Landing Control for Safe Recovery in Robots"