

Sahil Arun Haral



in linkedin

■ sahilaharal@gmail.com

Portfolio



EDUCATION

MIT Academy of Engineering, Pune

B.Tech in Electronics and Telecommunication Engineering, CGPA: 7.90/10

Feb 2021 — June 2024



PROJECTS

Digitalization - Vision Camera System

Feb 2024 - May 2024

Python, C++, OpenCV, NumPy, Raspberry PI, Arduino, Project Management, Team Collaboration

- Developed Identified need for vision-based detection system in automotive manufacturing to ensure sealer ring presence. Designed comprehensive system architecture, including hardware, software, and communication protocols, while outlining user interface requirements for seamless operation.
- Enhanced Enhanced detection algorithm and system performance for accuracy and speed. Feature Addition: Implemented user interface and robust error handling. Hardware Improvements: Upgraded components and iteratively tested for reliability.
- Delivered The project smoothly transitioned to deployment, finalizing assembly and installation in automotive manufacturing with meticulous calibration. Detailed documentation, including user manuals and training materials, facilitated operational smoothness. Ongoing support, maintenance, and performance evaluations drove continuous improvement.

Sales Power BI Dashboard &

Jun 2023 - Jul 2023

Power BI, SQL, Power Query, DAX, Microsoft Excel.

- Developed Dynamic sales dashboard in POWER BI for comprehensive product performance analysis.
- **Learned** Enables users to explore sales trends and make data-driven decisions over multiple years.
- Created Interactive interface for easy navigation, empowering stakeholders to optimize strategies and facilitate informed decision-making for improved sales outcomes and growth opportunities.



Data Analyst (Intern)

Jan 2024 — July 2024

Škoda Auto Volkswagen India Private Limited

- Tech stack: Power BI, Python.
- Interning at Skoda Auto Volkswagen India Pvt. Ltd. in Pune, Maharashtra, actively engaged in digitalization initiatives.
- Spearheading projects aimed at leveraging Power BI for automating data processes, facilitating a seamless transition from Excelbased systems.
- Assumed technical service responsibilities spanning across Body, Paint, and Assembly shops, with a primary focus on pioneering vision camera projects.
- Successfully completed the initial phase of a project centered on sealer ring detection within the Body shop, resulting in significant enhancements to operational efficiency.



Python, HTML, CSS, Tailwind, Bootstrap, JavaScript, Reactis, Nodejs, PHP, Codelgniter. Web Dev

Technologies Java, Linux, DBMS MySQL, MongoDB, Computer Networking.

Dev. Tools PowerBI, Git, GitHub, VS Code.



ACHIEVEMENTS

Institute level Datathon Runnerup

Mar 2023

- Institute Level Datathon'23 competition runnerup under Equilibrium 2023.
- A national level technical event organized from 30-31 March 2023

Participated in inter-college sports event

June 2022

• Ranked 2nd in FCB sports event 2022



Microsoft Azure Data Fundamental DP 900 🔗 **Data Analytics using Power BI**

Apr 2022 — Feb 2025

Dec 2022 — Feb 2025

POSITION OF RESPONSIBILITY

Captain of Football Team, MITAOE Pune

Jun 2022

• Led and organized college football team, enhancing teamwork, leadership, event management, and communication skills.

Placement Coordinator, MITAOE Pune

Aug 2023

• Facilitating college-student placement through industry liaisons and providing access to the latest Technology and Information.