

MANSI CHANDRAKANT NIKAM

mansinikam03@gmail.com - 411028

📞 7385008326

✉ mansinikam03@gmail.com

🌐 [Linkedin](#)

🐙 [Github](#)

EDUCATION

Savitribai Phule Pune University

Bachelor of Engineering in Electronics and Telecommunication (9.71)

May 2019 – June 2022

Nashik

Autonomous Institute of Government of Maharashtra

Diploma in Electronics and Telecommunication (92.88%)

May 2016 – June 2019

Nashik

EXPERIENCES

Tata Elxsi

Senior Engineer

July 2022 – Present

Pune

- I worked in AUTOSAR project as part of the SWE.5 Integration team, ensuring compliance with ASPICE standards. Also support in SWE.3 software detailed architecture as well as SWE.4 Unit testing.
- I worked in POC internal project which is related to Drivers Monitoring System(DMS) in that collected real time vehicle data of various drivers driving behaviour from Carmaker simulator tool and apply ML model and data science concept to clusters drivers behaviour with python.
- I worked with ADAS project, to analyse the given measurement using company proprietary tool and analysed it with confusion matrix.

PROJECTS

Degree Final Year's Water Quality Monitoring system (WQM) | Arduino C Coding, Design and casing 2022

- The objective of Water Quality Monitoring system (WQM) is to reduce complexity and increase the performance of water quality management by collecting data of the water parameters like TDS, Turbidity of water, pH level to get quantitative information on the physical or remote location.

Degree Third year Mini-project: Accident Detection and Alerting system using GSM and GPS | C Coding, Circuit

- Project is developed to deals with the accident alerting and detection. Arduino helps in transferring the message to different devices in the system with the help of GSM and GPS.

Diploma Final year project: Classroom Automation with enhance security | Arduino C Coding, Technical Design, Idea

- Project is classroom Automation includes automatic lighting system, fan control system, Door and curtain control system. Also provide not only automation but also security.

TECHNICAL SKILLS

Languages: Python, C

Developer Tools: VS code, Jupyter Notebook, AI tools : Gemini, copilot, claudeai etc, Canoe, Carmaker Simulator Tool, GHS multi, Renesas Flash Programmer

Relevant Coursework: Data science and Machine Learning, python, c

Technologies and Frameworks: ASPICE, Pandas, Numpy, Scikit-Learn, Automation Validation, Vector CANoe

ACHIEVEMENTS

- Got appreciation from team in Tata Elxsi 2024
- Certification from google on Crash course on Python
- Done Training on Automation and Mechatronics in Strama Summit Machinery Pvt. Ltd. in as well as workshop on PCB Manufacturing in Copper track, Nashik.

EXTRA CURRICULAR
