

Vignesh Anburose

vigneshanburose@gmail.com | +91-9629122074 | [Linkedin](#)

Work Experience

Post Graduate Trainee (R & D Software Development)

July 2023 – Present

ZF Commercial Vehicle Control Systems India limited

Chennai, India

- I am part of **product innovation team** where we focus on PoC and demo driven innovation by developing PoC projects and demonstrating them to customers and Higher Management within the organization.
- I have built the following Dashboards as a feature for one of our product :
 - **Cargo Monitoring System**: Developed using Python, HTML, CSS, Streamlit, AWS S3, and API Gateway.
 - **Driver Monitoring System**: Implemented with Python, HTML, CSS, Streamlit, and ZEROMQ.
 - **Tire Pressure Monitoring System**: Created using HTML, CSS, JavaScript, Node.js, Express.js, and MQTT.
 - **Data Pipeline for Condition Monitoring**: Built a data pipeline using Python, SQL, and Streamlit to monitor the condition of a product. This pipeline was demonstrated to the Board of Directors as a part of project demo.
- **Volunteered** and participated in a **tech conference** organized by the team. **Presented** a project at the tech conference within the organization, showcasing innovative solutions and technological advancements.
- **Participated in ideation** sessions to identify and develop problem statements. **Submitted two innovative Idea Forms** (IDFs) as part of the ideation process.

Education

SRM Institute of Science and Technology

September 2021 – April 2023

M.Sc Applied Data Science , CGPA : 8.88

Chennai, India

Vellore Institute of Technology

July 2018 – May 2021

B.C.A Computer Science , CGPA : 7.82

Vellore, India

Academic Projects

The following academic projects were done under the guidance of Faculties of SRM University and VIT University during the respective degrees.

1. [Book recommendation system \(NLP\)](#)
2. [Sentiment analysis on Amazon product review \(NLP\)](#)
3. [Obstacle detection and alarm system IOT](#)
4. [Student freelancer application\(Mobile app\)](#)
5. [Data mining on adult data set](#)
6. [Mobile banking system\(java\)](#)
7. [Bus reservation system \(web development\)](#)
8. [Faculty management system\(SQL\)](#)
9. [Student record system\(c++\)](#)

Skills

Languages : Python, SQL, HTML, CSS, Javascript, C, C++.

Tools and Frameworks: Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, NLTK, Streamlit, Flask.

Tools: Visual Studio code, Jupyter Notebook, Power BI, AWS (Basic)