

# Vignesh Anburose

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## 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)