

NIBAKARAN VEERAMUTHTHU

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PROFILE SUMMARY

Business Informatics student with hands-on experience in data analysis within structured technical and corporate environments across automotive and aviation domains. Currently working as a Working Student in Data Analysis, supporting vehicle and traffic data processing, validation, and reporting using Python and SQL.

Experienced in structured documentation, compliance-related processes, and KPI-based reporting within regulated environments. Strong analytical mindset with interest in cybersecurity risk management and IT governance, supported by a solid foundation in network management.

WORK EXPERIENCE

1. FSD Fahrzeugsystemdaten GmbH, Dresden, Germany

Working Student – Data Analysis

10/2025 – Present

- Analysing vehicle test and traffic datasets to support technical evaluation and structured data processing.
- Developing Python scripts to automate data pipelines and ensure consistent data validation processes.
- Supporting ongoing data-related tasks in collaboration with cross-functional technical teams, ensuring accuracy and traceability of results.
- Processing and transforming large datasets to maintain data integrity and consistency across analysis workflows.
- Preparing structured visualisations and documentation to support analysis and reporting.

Tools & Technologies: Python, R, SQL, Excel, JupyterLab / Jupyter Notebook, VS Code, Foxglove

2. SunExpress, Frankfurt, Germany

Working Student - Strategy & Transformation Department

04/2023 – 08/2024

- Supported coordination and implementation of strategy and transformation initiatives in a regulated corporate environment.
- Conducted benchmarking analyses to identify improvement opportunities and support compliance with evolving regulatory frameworks.
- Contributed to concept development and documentation for sustainability and regulatory adaptation initiatives.
- Assisted in identifying efficient approaches to comply with upcoming legal and regulatory requirements.
- Collaborated across departments to support structured communication and implementation of strategic projects.

EDUCATION

B.Sc. International Business Information Systems

Hochschule Furtwangen University, Germany | 09/2022 – 03/2027

Relevant coursework: Database Systems, Network Management, Applied Computer Science, Data Science, IT Security fundamentals

CCNA (Cisco Certified Network Associate)

Turnkey IT Institute, Colombo | 12/2018 – 05/2019

Certifications & Professional Development

Cisco Networking Academy

Junior Cybersecurity Analyst Career Path (Ongoing)

- **Introduction to Cybersecurity – Completed**
- **Networking Basics – In Progress**

LANGUAGES

English – Fluent (C1)

German – Intermediate (B1)

SKILLS

Cybersecurity & Risk Fundamentals : Basic cybersecurity principles, risk management lifecycle (risk identification, assessment, response, and monitoring), vendor assessment fundamentals, network architecture basics, TCP/IP basics, routing and switching fundamentals

Data Analysis & Reporting : Data processing, data validation, data transformation, KPI-based reporting, structured documentation

Programming & Automation : Python (automation and data scripting), SQL, R

Tools & Platforms : JupyterLab, Jupyter Notebook, Visual Studio Code, Foxglove, basic familiarity with ServiceNow

Databases : PostgreSQL, MySQL

Productivity & Collaboration Tools : Excel (data analysis & reporting), PowerPoint, SharePoint, Microsoft Teams, Google Workspace

ERP Systems : SAP FI, CO, SD, MM, PP

Project & Analysis Methods : Agile basics, Kanban, SWOT analysis, benchmarking, gap analysis, structured problem analysis

Professional Strengths : Structured working style, reliability, teamwork, analytical thinking