

# CHRISTO NITIN ROBINSON CALDWELL

Associate Aerospace Systems Engineer



## About Me

As a graduate Systems Engineer with a double-master's degree from TUM and ISAE-SUPAERO, I combine technical theory with hands-on experience gained at industry. I specialize in navigating the full V-model lifecycle to integrate complex systems into seamless solutions

## Personal Information

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Phone +33 0670752783  
Citizenship India  
Date of Birth 26 july 1999

## Languages

Tamil	Native	(C2)
English	Bilingual	(C1)
German	Intermediate	(B2)
Hindi	Intermediate	(B2)
French	Beginner	(A1)

## Skills

Technical Software:  
Capella, CAMEO, DOORS, Geeglee, Matlab, Python

Work Software:  
Powerpoint, Word, Excel, LaTeX, G-Suite

Soft Skills:  
Leadership, Interpersonal Skills, Communication, Teamwork, Adaptable

## References

Mr. Benjamin Maupate  
HO Architecture & Operations in ECS, Airbus  
BENJAMIN.M.MAUPATE@AIRBUS.COM

Mr. Michael Heuer  
V&V Manager Air Systems at Airbus  
michael.heuer@airbus.com

## WORK EXPERIENCE

### Internship : Air and Thermal Systems - Requirements Engineer- Verification & Validation

at Airbus Operations GmbH, Hamburg - Sept 2025 to Feb 2026

- Improved the Workflow Air and Thermal System requirements by reworking the CSFL list for Particular Risks.
- Created a App-Script tool to create Compliance Matrices that cut time consumption and workload of contractors from 2 days to 30 minutes.
- Authored a Memo which outline how V&V activities will be managed in the department in the future.

### Working Student : Invoice processing and Bookkeeping

at Hero Tech Center Germany GmbH, Rosenheim - Mar 2024 - Aug 2024

- Assisted in managing financial operations by processing invoices
- maintaining accurate bookkeeping records,
- ensuring compliance with accounting standards.

## ACADEMIC PROJECTS

### Methodological Assistant for Requirements Diagram

- Developed a methodological assistant tool for creating and analyzing requirement diagrams and criteria-based evaluations to ensure clarity and consistency.

### Optimization of Energy Systems under Parameter Uncertainty

- Optimized energy systems in a chemical power plant model created in Python using global sensitivity analysis to address parameter uncertainty and improve performance reliability.

## EDUCATION

### M.Sc. Aerospace Systems Engineering

ISAE-SUPAERO, Toulouse- 2024 to 2025

- CGPA : 1.6 / 4
- Relevant courses: Requirements Engineering, Verification and Validation, Systems Dependability, Project Management

### M.Sc. Aerospace Engineering

Technical University of Munich, Munich - 2022 to 2024

- CGPA : 2.0 / 5
- Relevant courses: MBSE, Aircraft Design, Systems Engineering, Safety and Certification of Aircraft

### B.E. Mechanical Engineering

SSN College of Engineering, Chennai - 2017 to 2021

- CGPA: 8.12 / 10

## OTHER CERTIFICATIONS & COMPETENCIES

- Associate Systems Engineering Professional (ASEP)** from INCOSE
- Requirements Management and V&V Methodology certification from Airbus
- Systems Engineering DOORS Reader certification from Airbus
- Working Knowledge of RTCA **DO- 160, DO- 254, DO-178, CS- 25** standards.
- Experience in creating V&V Plans, Compliance Matrices, Strategies.
- Documentation of **SRD, EIRD, SIRD, PTS** etc.