

**EUROPEAN FORMAT
FOR THE CURRICULUM
VITAE**



PERSONAL INFORMATION

Name

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Nationality

Indian

WORK EXPERIENCE

• Dates (from – to)

• Name and address of employer

• Type of company or industry

• Type of use

• Main tasks and responsibilities

Feb 2024 – Aug 2024

Kurs Orbital srl, Turin, Italy

Aerospace

Space engineering

- Designing missions for debris removal applications in Low Earth Orbit (LEO)

- Developing propulsive modules for debris removal

- Authoring technical proposals

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June 2023 – Dec 2023

Seoul National University, South Korea

University

Research

- Numerical Modelling of Plasma-assisted combustion for Hypersonic Vehicles using OpenFOAM

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May 2022 – Aug 2022

B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, India

University

Research

- Use of HTPB-Boron Based Solid Fuels for Hybrid Rocket Engines and Solid Ducted Ramjet Applications

• Dates (from – to)

• Name and address of employer

• Type of company or industry

• Type of use

• Main tasks and responsibilities

Oct 2021 – Feb 2022

Italspazio srl, catania, Italy

Aerospace

Space engineering

- Studied development of hybrid rocket engines

- Designed space missions for LEO debris removal

- Prepared technical proposals

EDUCATION

<ul style="list-style-type: none">• Dates (from – to)Type of education or training institution• Main subjects/professional skills studied• Qualification achieved• Level in the national classification (if applicable)	Jan 2022 – May 2025 University Energy engineering Doctor of Philosophy
<ul style="list-style-type: none">• Dates (from – to)Type of education or training institution• Main subjects/professional skills studied• Qualification achieved• Level in the national classification (if applicable)	Jan 2021 – Feb 2022 University Satellite engineering Master of Science
<ul style="list-style-type: none">• Dates (from – to)Type of education or training institution• Main subjects/professional skills studied• Qualification achieved• Level in the national classification (if applicable)	Oct 2017 – Jan 2020 University Aerospace engineering Master of Science
<ul style="list-style-type: none">• Dates (from – to)Type of education or training institution• Main subjects/professional skills studied• Qualification achieved• Level in the national classification (if applicable)	June 2014 – Apr 2017 College Mechanical engineering Bachelor of Engineering
<ul style="list-style-type: none">• Dates (from – to)Type of education or training institution• Main subjects/professional skills studied• Qualification achieved• Level in the national classification (if applicable)	June 2011 – May 2017 Technical institute Mechanical engineering Diploma

PERSONAL SKILLS AND COMPETENCIES

Acquired in the course of life and career but not necessarily recognized by official certificates and diplomas.

MOTHER TONGUE

TELUGU

OTHER LANGUAGES

- Reading skills
- Writing skills
- Oral expression skills

- Reading skills
- Writing skills
- Oral expression skills

- Reading skills
- Writing skills
- Oral expression skills

- Reading skills
- Writing skills
- Oral expression skills

ENGLSIH

- [excellent]
- [excellent]
- [excellent, good]

Hindi

- [elementary.]
- [elementary.]
- [good]

Bengali

- [elementary.]
- [elementary.]
- [elementary.]

Italian

- [elementary.]
- [elementary.]
- [elementary.]

INTERPERSONAL SKILLS AND COMPETENCIES

Living and working with other people, in a multicultural environment, occupying places where communication is important and in situations where teamwork is essential (e.g. culture and sports), etc.

Strong team collaboration skills developed through international research projects and multicultural environments.

Skilled in planning, initiating, and consistently delivering projects within established deadlines.

Effective communication abilities honed by tutoring and global STEM education initiatives

ORGANIZATIONAL SKILLS AND COMPETENCIES

TECHNICAL SKILLS AND EXPERTISE

With computers, specific equipment, machinery, etc.

Leadership experience as a founding member of Brahmastra Aerospace Systems.

Project management skills acquired through coordinating research visits and collaborative projects.

Event organization and promotion during tenure as Campus Ambassador at IIT Delhi

Operating Systems: Windows, Linux (Ubuntu)

Programming Languages: C, Python, MATLAB

Software Tools: OpenFOAM, ANSYS Workbench, ANSYS Fluent, MATLAB, SolidWorks, Paraview, Pointwise

Other Tools: Microsoft Office Suite