



## ASWIN V S

B. Tech – Metallurgical and Materials Engineering

Gender: Male

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### Educational Qualification:

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2019-2023	B. Tech – MME	NIT, Trichy	7.83
2018	Class XII	Bharani Park School, Karur (TN State Board)	79%
2016	Class X	Bharani Park School, Karur (TN State Board)	98%

### Projects:

- **My Portfolio Website:**

As a creative professional, showcasing my work is crucial to express my design abilities, technical skills, and creativity. Visit my portfolio website at <https://aswin-vs.github.io/Portfolio> to see my best work.

- **Pixelone – API based Image Gallery webApp:**

Pixelone is a user-friendly Image Gallery web app that uses the Pexels API. It offers a vast collection of high-quality images for free, making it easy for users to find and download the visual content they need. Check it out at <https://aswin-vs.github.io/Pixelone>

- **ChromaPic – Image Editor webApp:**

ChromaPic is an easy-to-use Web-based Image Editor with a plethora of advanced features. Edit and manipulate images like a pro, adjust brightness and saturation, convert to grayscale, and rotate your images effortlessly. Visit <https://github.com/aswin-vs/ChromaPic> to learn more.

### Technical Skills and Certifications:

- Programming Languages : Python, C++, JAVA, HTML, CSS, JS, SQL
- Frameworks : Bootstrap, NodeJS, ReactJS
- Other Tools : Excel, Linux, Git, GitHub, VS Code
- Certifications : IT Support Professional certificate (Coursera offered by Google | Online)  
IoT Development (Coursera offered by University of California | Online)

## Internship Experience:

- **Summer Research Internship CALPHAD – Phase Field Modelling:** *May 2022 – Jul 2022*  
Interned under the guidance of Prof. Prince Gideon Kubendran Amos of NIT Trichy and Prof. Santhy of Indus University to develop a CALPHAD coupled phase field modelling approach for compound database development using Thermo-Calc. Modelled the Iron-Carbon-Manganese ternary phase diagram and worked on the Mo-Ni-Ti system.
- **Training Internship at National Metallurgical Laboratory (NML):** *Jun 2021 – Aug 2021*  
Completed online internship on "Industrial R&D Training on MME" at CSIR-NML in Jamshedpur, focusing on leadership, professional skills, and new material selection and production optimization techniques. Interacted with scientists from DRDO, TATA Steel, Indian Oil, and other agencies who shared their research works and latest industry technologies.

## Positions of Responsibility:

- **Committee Member at NSS, NIT Trichy:** *Apr 2020 – Jan 2022*  
Conceptualized and coordinated awareness programs and competitions for government school students near NIT Trichy, and organized eye check-ups and blood donation camps in collaboration with the NSS team at NIT Trichy hospital.