



Aswin V S

<https://aswin-vs.is-a.dev>

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Karur, Tamil Nadu, India

Education:

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

Technical Skills

Python, JavaScript, C++, HTML, CSS, ReactJS (MERN), SQL, MongoDB, AWS, FastAPI, Git, Jenkins, Docker, Kubernetes, Selenium, Linux, Excel, VS Code, Agile, DSA, DBMS.

CI/CD pipelines, OWASP concepts, Design principles, problem-solving and critical thinking.

Certifications

- Full stack web development Bootcamp 2023 – Udemy by Dr. Angela Yu
- IoT Development - Coursera by University of California
- IT Support Professional certificate - Coursera offered by Google

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 Image Gallery webApp) An intuitive Image Gallery web app utilizing the Pexels API. Access a vast collection of high-quality, free images at <https://aswin-vs.github.io/Pixelone>.

ChromaPic - (Image Editor webApp) A user-friendly Web-based Image Editor with advanced features. Edit images seamlessly, adjust brightness, saturation, convert to grayscale, and rotate effortlessly at <https://github.com/aswin-vs/ChromaPic>.

Experience

IoT Trainer/Consultant: Sep 2023 – Oct 2023 - Led IoT training for TN government's Naan Mudhalvan initiative, empowering students in IoT, coding, cloud, and embedded systems. Developed and delivered a curriculum aligned with industry standards, fostering hands-on experience. Conducted dynamic workshops, collaborated on guest lectures with experts on current IoT trends, and guided student progress for optimal learning outcomes.

Summer Research Internship CALPHAD: May 2022 – Jul 2022 - Interned under Prof. Gideon (NIT Trichy) and Prof. Santhy (Indus University), developing CALPHAD coupled phase field modelling for the compound database using Thermo-Calc, including Iron-Carbon-Manganese ternary diagram and Mo-Ni-Ti system.

Internship at National Metallurgical Laboratory (NML): Jun 2021 – Aug 2021 - Completed online internship at CSIR-NML, focusing on leadership, professional skills, and material production optimization. Engaged with scientists from DRDO, TATA Steel, Indian Oil, and others, gaining insights into cutting-edge research and industry technologies.