

DEEBHAN S

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portfolio-6kz5.vercel.app

PROFILE SUMMARY

Motivated B.Tech Information Technology student with hands-on experience in Full Stack Web Development using React.js, Node.js, Express.js, Python, and MongoDB. Skilled in developing web applications and working on Artificial Intelligence and Machine Learning projects. A quick learner with strong problem-solving, communication, teamwork, and leadership skills, eager to contribute to innovative software development and continuously improve technical expertise.

SKILLS

Languages: Python, JavaScript, HTML, CSS, C
Frameworks & Tools: React.js, Node.js, Express.js, Django, Git, GitHub
Databases: MongoDB, MySQL
Technical Areas: Machine Learning, Computer Vision, Full Stack Development
Soft Skills: Communication, Teamwork, Leadership, Problem Solving

EDUCATION

M.A.M. College of Engineering and Technology, Tiruchirappalli	2023 – 2027
<i>Bachelor of Technology – Information Technology</i>	<i>CGPA: 8.15</i>
S.B.V. Matriculation & Higher Secondary School, Thuraiyur	2022 – 2023
<i>Higher Secondary – Computer Science</i>	<i>Percentage: 72.5%</i>

PROJECTS

AI-Based Internship Recommendation System *Python, MERN Stack*
– Developed a full-stack web application using React.js, Node.js, Flask, and MongoDB to recommend suitable internships based on user skills and interests.
– Integrated a Python-based Machine Learning model with the web application to provide personalized internship recommendations.
– Achieved an accuracy of **[82%]** in internship recommendation based on the trained dataset.

Smart Wheelchair with Camera Assistance *Python, Raspberry Pi, ESP32, YOLOv8*
– Developed a smart wheelchair system using Raspberry Pi, ESP32, and a camera to assist users with safer and more reliable navigation.
– Implemented YOLOv8-based object detection using Python, OpenCV, and PyTorch to identify obstacles in real time.
– Integrated voice alerts and serial communication between Raspberry Pi and ESP32 for real-time obstacle notification and wheelchair control.
– Achieved an object detection accuracy of **[84%]** during system testing.

INTERNSHIP

AI & Machine Learning Intern – DVein Innovations Pvt. Ltd. *June 2026 – July 2026*
– Completed an Artificial Intelligence and Machine Learning internship with hands-on experience in AI and ML project development.
– Worked on machine learning concepts, model development, data processing, and practical project implementation.

Mobile App Development Intern – Tamizhan Skills *January 2026 – February 2026*
– Completed a one-month Android Development Internship under the RISE Internship Program.
– Gained practical experience in mobile application development and real-time project implementation.

CERTIFICATIONS

Introduction to MERN Stack *June 2026*
– Completed the Introduction to MERN Stack course and gained foundational knowledge of MongoDB, Express.js, React.js, and Node.js.

Machine Learning Using Python *July 2026*
– Completed the Machine Learning Using Python course and gained foundational knowledge of machine learning concepts and implementation using Python.

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

place: Tiruchirappalli