# B S Shreesha

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https://github.com/bsshreesha |

## SUMMARY

Result – oriented **Graduate Student** in Information Science and engineering

## EDUCATION

**B.E in Information Science and Engineering** **CGPA – 8.86** **July 2025**
Jyothy Institute of Technology
Visvesvaraya Technological University (VTU), India
Undergrad Coursework: Python, Deep Learning Model for Paddy disease classification

**Pre-University Education** **Percentage – 93.6%** **June 2021**
Narayana PU College
Department of Pre-University Education (DPUE), India

**Schooling** **Percentage – 87%** **May 2019**
Capitol Public School
Central Board of Secondary Education (CBSE), India

## TECHNICAL SKILLS

**Programming Languages:** Python
**Operating systems:** Windows, Linux

## PROFESSIONAL EXPERIENCE

**Project Intern at Kalpin Tech Pvt. Ltd** **2022-23**

- Complete integration and testing of drones

**CIIRC – Centre for Incubation, Innovation, Research and Consultancy** **2024**

- Research on Breast cancer detection using AI and Deep Learning, Paddy Disease Classification using Mobile Vision Transformers.

**CSIR – 4th Paradigm Institute**

- Research on the AI Integrated healthcare systems.

## ACADEMIC PROJECTS

**VTU Database Mini Project on Education Management System** **2024**

- Led a team of 2; A database consisting of Students and Teachers with e-learning was built and managed

**Mobile Vision Transformers (MobileViT)** **2024**

- Paddy disease classification model using MobileViT to enhance edge computing.

**Inception CapsuleNET** **2024**

- Breast cancer classification model using Capsule Networks and Inception.

**Reinforcement Enabled Physics Informed Neural Networks to solve Fluid Dynamic Equations** **2025**

- Integration of Reinforcement Learning to PINN model to solve MHD fluid equations
- Novel approach of integrating RL to PINN

## CERTIFICATES

- Implementation of Coding Mathematics using Python
- Basics of Data Science
- Matplotlib Certification: Cognitive Classes

## COURSES COMPLETED

- Coding Mathematics using Python: UDEMY
- Advanced Engineering Mathematics
- Matplotlib Certification: Cognitive Classes

## OTHER ACTIVITIES

- 24 days of teaching students How to code **Mathematics using Python** for Engineering first year students' of 2023 and 2024 batch.
- 3-day teaching of game development tools which includes Object Oriented Programming, Audio and Music recording tools.
- 16 hours of teaching **MATPLOTLIB** to $6^{th}$ Semester students.