B S Shreesha

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SUMMARY

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

EDUCATION

Master of Technology (MTech) – Data Science CGPA – July 2027
JSS Academy of Technical Education
Visvesvaraya Technological University (VTU), India
Postgrad Coursework:

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 2024

- 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
- Deep Learning and Reinforcement Learning: UDEMY
- Hadoop Fundamentals: Simplilearn
- Introduction to Data Science and Machine Learning: Simplilearn

OTHER ACTIVITIES

- 24 days of teaching students How to code **Mathematics using Python** for Engineering first year students' of 2023 and 2024 batch.
- 2-day workshop on AI for Interdisciplinary Sciences (Biology) – CIIRC, Bengaluru
- 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.
- 14 hours of teaching **Essential Mathematics for Machine Learning** to MTech Data Science students as a part of peer – to – peer learning programme