Contact

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Top Skills

Medical Equipment
Business Process
Computer Vision

Certifications

Microsoft Certified Security,
Compliance, and Identity
Fundamentals

Machine Learning with Python

Foundations: Data, Data,
Everywhere

Data Analysis with R Programming

Sharan R B

Jr. Software Engineer @ Full Creative | Ex - AI/ML Intern @ Aurolab
| M. Tech CSE student @VIT | VIT'25 |
Sholinghur, Tamil Nadu, India

Summary

I'm a results-driven and curious tech enthusiast with hands-on
experience across Data Science, Software Development, Full Stack
Engineering, and AI/ML domains. During my academic and project
journey, I've applied my skills in Python, Java, TensorFlow, SQL,
and modern frameworks to build impactful solutions from predictive
models to full-stack web applications. My ability to work with both
structured and unstructured data, combined with solid problem-
solving skills, allows me to adapt seamlessly across roles.

At Aurolab, I worked as an AI Intern where I contributed to
healthcare-focused ML models and gained practical exposure
to model deployment, data handling, and real-world impact. I'm
passionate about turning data into insights, building scalable
applications, and continuously learning to bridge the gap between
innovation and implementation. I'm currently open to opportunities
where I can grow as a Data Scientist, AI/ML Engineer, Full Stack
Developer, or Software Engineer, and contribute to impactful tech
solutions.

Experience

FULL Creative
Junior Software Engineer
September 2025 - Present (1 month)
Chennai, Tamil Nadu, India

Aurolab
AI/ML
December 2024 - May 2025 (6 months)
Madurai, Tamil Nadu, India

As an AI/ML intern at Aurolab, I'm actively involved in transforming ophthalmic
diagnostics through the power of Artificial Intelligence.

Developed and deployed deep learning models to assist in the detection of retinal and corneal diseases using medical imaging from fundus cameras, OCT, and slit lamp systems.

Contributed to the end-to-end setup and deployment of Google's ARDA (Automated Retinal Disease Assessment) model using Python for backend integration and inference.

Built and containerized the AI-based image analysis system using Docker, enabling smooth deployment across environments.

Engineered preprocessing pipelines for fundus and corneal images (resizing, enhancement, format conversion) using OpenCV and Pillow.

Created a web-based diagnostic application using FastAPI for the backend, integrated with an SQLite database to manage patient and prediction records securely.

Collaborated with frontend developers to connect the HTML/CSS-based user interface with Python backend logic.

Enabled report generation features, including AI prediction results and patient data, using Python-based PDF generation libraries.

Optimized AI workflows using Google Colab, ensuring model scalability and easy access for testing and tuning.

Practiced version control using Git, maintained codebases efficiently, and worked with a cross-functional team to enhance diagnostic accuracy and usability.

Flixdin
User Experience Designer
July 2023 - July 2024 (1 year 1 month)
Vellore, Tamil Nadu, India

VALSCO TECHNOLOGY
User Experience Designer
June 2023 - September 2023 (4 months)
Vellore, Tamil Nadu, India

InternPe
Web Developer
June 2023 - July 2023 (2 months)

Education

Vellore Institute of Technology (VIT)

M. Tech Integrated, Data science · (September 2020 - July 2025)

Vidya Peetam Senior Secondary
Class XII   · (June 2019 - May 2020)

Vidya Peetam Senior Secondary
Class X · (June 2017 - May 2018)