

# T.Lok Avinashh

Artificial Intelligence & Data Science Student

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## EXECUTIVE SUMMARY

Innovative and results-driven Artificial Intelligence & Data Science student with a strong foundation in machine learning, deep learning, and full-stack development. Proven ability to design and deploy AI-driven applications, 3D modeling solutions, and scalable web platforms. Recognized for leadership, technical expertise, and impactful contributions in competitive and collaborative environments. Passionate about leveraging cutting-edge technologies to solve real-world problems.

## EDUCATION

**Prince Dr.K.Vasudevan College Of Engineering And Technology**

B.Tech in Artificial Intelligence & Data Science

Expected Graduation: 2026

CGPA: 7.96

Relevant Coursework: Machine Learning, Deep Learning, Data Structures, Algorithms, Web Development, App Development, Natural Language Processing.

**Prince Srivari Senior Secondary School**

Higher Secondary Education

Graduation: 2022

Completed Higher Secondary Education with a strong foundation in Science and Mathematics, fostering analytical and problem-solving skills.

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, Java, MySQL, PostgreSQL, MongoDB, HTML/CSS, Next.js, React, Firebase, MERN, AWS
- **Frameworks & Libraries:** TensorFlow, PyTorch, Keras, OpenCV, React.js, Flask
- **Tools & Platforms:** Git, Docker, VS Code, Jupyter Notebook, Blender, Tableau, Google Cloud
- **Technical Expertise:** Machine Learning, Deep Learning, Data Analysis, Web Development, AI Model Development, Cloud Computing, Natural Language Processing, Computer Vision

## PROJECTS

### Signify App

Developed an AI-powered sign language translation application using TensorFlow and OpenCV. Achieved real-time conversion of sign language to text with 90% accuracy. On-Progress

### Virtual Pharmacy

Developed an AI-powered virtual pharmacy system that suggests medicines based on input symptoms and disease analysis. <https://virtual-pharmacy.onrender.com/>

### AI-Powered ECG Analysis (GDG Hackathon)

Designed and implemented a deep learning model for ECG analysis to detect potential heart conditions. On-Progress

### Crowdfunding Platform

Developed a crowdfunding platform where users can lend and borrow money securely using blockchain integration. On-Progress

## INTERNSHIPS

### Elimai.ai (EMCEE Technologies) – Backend Engineer Intern

Contributing to backend system for a ai related healthcare based startup.

2025

## CERTIFICATIONS

- Google Cloud Gen AI Certificate 2023
- 3-Day App Development Workshop 2023
- Data Science Workshop Satyabama University, 2023
- AI & Machine Learning Specialization 2023

## ACHIEVEMENTS

- **2nd Place** - St. Joseph College AI Competition 2023
- **Frontend Development Competition at Sairam College (3rd Place)** 2022
- Led an **AI-based Learning Initiative** for deaf and mute students, creating accessible educational tools.

## LEADERSHIP & ACTIVITIES

- **Google Developer Groups** - Tech Lead 2022–Present
- **Designed (UI/UX) and Developed (HTML, CSS, JS)** for college websites and mobile applications, enhancing user experience and accessibility.

## INTERESTS

Artificial Intelligence Research, 3D Modeling & Animation, Web Development, Robotics, Competitive Programming, Cloud Computing (Google Cloud)