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

Shravan – Speech-to-Text Web App

Built from scratch during internship at Elimai.ai. The system transcribes customer–sales executive call recordings and provides insights such as points of improvement, sales pitch analysis, and conversational effectiveness.   2025

Apollo Spectra – Process Automation

Contributed to a production-level automation system at Elimai.ai that streamlines plotting values into Excel, reducing manual effort and increasing efficiency.   2025

INTERNSHIPS

Elimai.ai (EMCEE Technologies) – Backend Engineer Intern

Contributed to backend system for an AI-related healthcare-based startup. Worked on live projects including **Shravan (Speech-to-Text Web App)** and **Apollo Spectra (Process Automation System)**.   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)