

PAGE 1: TECHNICAL SKILLS

TECHNICAL_SKILLS_START

Programming_Languages: Python, JavaScript, Java, MySQL, PostgreSQL, MongoDB, HTML/CSS, Next.js, React, Firebase, MERN, AWS

Frameworks_and_Libraries: TensorFlow, PyTorch, Keras, OpenCV, React.js, Flask

Tools_and_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

TECHNICAL_SKILLS_END

PAGE 2: PROJECTS AND RESEARCH

PROJECTS_START

PROJECT: Signify App

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

STATUS: On-Progress

TECHNOLOGIES: TensorFlow, OpenCV, Python, Flask, React

LINK: None

PROJECT: Virtual Pharmacy

DESCRIPTION: Developed an AI-powered virtual pharmacy system that suggests medicines based on input symptoms and disease analysis.

STATUS: Live

TECHNOLOGIES: Python, NLP, Web Development, Render

LINK: <https://virtual-pharmacy.onrender.com/>

PROJECT: AI-Powered ECG Analysis (GDG Hackathon)

DESCRIPTION: Designed and implemented a deep learning model for ECG analysis to detect potential heart conditions.

STATUS: On-Progress

TECHNOLOGIES: Deep Learning, CNN, Python, TensorFlow

LINK: None

PROJECT: Shravan – Speech-to-Text Web App

DESCRIPTION: 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.

STATUS: Completed

TECHNOLOGIES: Python, Speech-to-Text, NLP, Web App, Elimai.ai

YEAR: 2025

PROJECT: Apollo Spectra – Process Automation

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

STATUS: Completed

TECHNOLOGIES: Python, Excel Automation, Elimai.ai

YEAR: 2025

PROJECTS_END

PAGE 3: ACHIEVEMENTS

ACHIEVEMENTS_START

ACHIEVEMENT: 2nd Place - St. Joseph College AI Competition

YEAR: 2023

DESCRIPTION: Secured 2nd position in national-level AI competition.

ACHIEVEMENT: 3rd Place - Frontend Development Competition at Sairam College

YEAR: 2022

DESCRIPTION: Achieved 3rd place in frontend development championship.

ACHIEVEMENT: Led AI-based Learning Initiative for deaf and mute students

DESCRIPTION: Created accessible educational tools using AI and 3D modeling.

IMPACT: Trained 200+ students across 3 schools.

CERTIFICATION: Google Cloud Gen AI Certificate

YEAR: 2023

ISSUER: Google Cloud

CERTIFICATION: 3-Day App Development Workshop

YEAR: 2023

ISSUER: External Workshop

CERTIFICATION: Data Science Workshop

YEAR: 2023

ISSUER: Satyabama University

CERTIFICATION: AI & Machine Learning Specialization

YEAR: 2023

ISSUER: Online Platform

ACHIEVEMENTS_END

PAGE 4: EXPERIENCE AND INTERESTS

EXPERIENCE_START

ROLE: Backend Engineer Intern

COMPANY: Elimai.ai (EMCEE Technologies)

DURATION: 2025 – Present

RESPONSIBILITIES:

- 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).

TECHNOLOGIES: Python, FastAPI, PostgreSQL, AWS, Docker

LEADERSHIP: Google Developer Groups - Tech Lead

DURATION: 2022 – Present

ACTIVITIES:

- Designed (UI/UX) and Developed (HTML, CSS, JS) for college websites and mobile applications.
- Enhanced user experience and accessibility.
- Organized 15+ technical workshops.

INTERESTS_START

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

INTERESTS_END

EDUCATION:

INSTITUTION: Prince Dr.K.Vasudevan College Of Engineering And Technology

DEGREE: B.Tech in Artificial Intelligence & Data Science

CGPA: 7.96

EXPECTED_GRADUATION: 2026

COURSEWORK: Machine Learning, Deep Learning, Data Structures, Algorithms, Web Development, App Development, Natural Language Processing

INSTITUTION: Prince Srivari Senior Secondary School

DEGREE: Higher Secondary Education

GRADUATION: 2022

FOCUS: Science and Mathematics

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EXPERIENCE_END