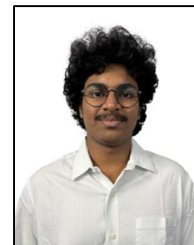


PADARTI PARTHIV

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Professional Summary

Aspiring AI Developer, Data Analytics Enthusiast, and Machine Learning practitioner with a strong foundation in programming, Data Analytics and AI. Currently pursuing B E in Computer Science Engineering (Artificial Intelligence & Machine Learning) at JSS Academy of Technical Education, Bengaluru. Experienced in developing real-time AI and ML applications using Python, Java, and modern technologies. Skilled in building intelligent systems, including Knee osteoarthritis detection and sign language recognition. Demonstrated leadership through Projects in college, national competitions, and entrepreneurial roles. Passionate about leveraging technology to solve real-world challenges and contribute to innovative projects

EDUCATION

JSS Academy Of Technical Education Bengaluru, Karnataka, India

Bachelor of Engineering (B E) in Computer Science Engineering (AI & ML)

Dec 2022 - Apr 2026

CGPA: 7.95

WORK EXPERIENCE

Marketing and Finance Member – Sep 2024 – Mar 2025

- National entrepreneurship Challenge (NEC), JSS Academy of Technical Education, Bengaluru (JSSATEB) E-Cell, Indian Institute of Technology (IIT) Bombay

Organized and executed a successful startup pitch competition as part of the National Entrepreneurship Challenge (NEC). Recruited and mentored 20+ student participants, resulting in strong representation from JSSATEB.

Student Intern - Dec 2024- Mar 2025

- Consortium Of Electronic Industries of Karnataka, Bangalore

Engineered data pipelines for efficient processing and storage using Python. Performed comprehensive data cleaning on industrial datasets, improving data quality by eliminating duplicates and standardizing formats. Played a key role in organizing CLIKTRONIKA 25, a premier electronics industry event.

ACHIEVEMENTS

- 2nd Runner-up in the Design and Innovation Clinic 2025 held at CMTI, competing among 200+ teams.
- Working as Student Placement Coordinator at college level
- Active member of National Service Scheme (NSS) and a Core Volunteer at NSS.

PROJECTS

1. Knee Osteoarthritis Detection Using ML Algorithm

- Developed a machine learning model to detect Knee Osteoarthritis using the X – Ray images of knee that are classified using a measure Kellgren-Lawrence (KL) grading scale into 5 stages.
- Random Forest Classifier algorithm is used for the Multiclass classification.
- Achieved 92% accuracy with Random Forest Classifier algorithm.

2. Real-Time Sign Language Recognition System (Hardware + AI)

- Developed a real-time sign language interpreter using Raspberry Pi, camera module, and OLED display for compact hardware deployment.
- Trained custom LSTM models on gesture data tracked via Mediapipe to classify dynamic signs.
- Integrated text-to-speech output, OLED message display, and React + Flask stack for full-stack functionality.

CERTIFICATIONS

- **Infosys Certified Networking and Web Tech** – Sep 2024
- **Infosys Certified Introduction to Artificial Intelligence** - Mar 2024
- **Deloitte Certified Data Analytics Job Simulation** – Apr 2025
- **Infosys Certified Computer Network and Internet Security** – Jan 2025
- **LinkedIn Learning Certified Agile Development Practices** – Aug 2024
- **LinkedIn Learning Certified Essential New Skills in Software Engineering** – Jun 2024
- **LinkedIn Learning Certified Software Design: From Requirements to Release** – Jul 2024
- **NextWave Certified AI for students: Build your own generative ai model** – Dec 2024

CORE COMPETENCIES

Technical Skills - Generative AI, Java, Python (Programming Language), C (Programming Language), Tableau, Artificial Intelligence (AI), Algorithms, Machine Learning, Data analytics using python.

Soft Skills - Team Leadership, Entrepreneurship, Analytical Skills, Presentation Skills, Resume Writing, Problem Solving, Critical Thinking, Organization Skills, Interpersonal Skills, Communication, Time management.

Project Management - Project Planning.