

# KALYAN KUMAR PADILAM

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## CAREER OBJECTIVE

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Student with academic abilities and technical knowledge to succeed in different roles. Ready to expand horizons with additional knowledge and abilities gained from training and experience. Always ready to help others and use abilities to support team goals. Aspiring software developer and Computer Science student with a strong foundation in programming, machine learning, and cloud computing. Proven problem-solving skills and hands-on experience in developing mobile applications using deep learning techniques.

## EDUCATION

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2022 – Present	Sri Vasavi Engineering College Bachelor of Technology in Computer Science CGPA: 9.27
2020 - 2022	Sri Prakash Junior College Subjects: Maths, Physics, Chemistry Percentage: 91.1
2019 – 2020	Ravindra Bharathi School SSC Percentage: 99

## SKILLS

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- Programming Languages: C, Python, Java, C++
- Technologies: HTML-5, CSS, Java Script, SQL(Basic), Cloud Computing (Basic)
- Frame work: Django, Flutter, React
- Other skills: Problem Solving Skills, Programming Skills
- Other Domains: Machine Learning, Generative AI

## PROJECTS

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**1. Human Activity Recognition Using Smartphone Sensors:** A Deep Learning Approach  
Developed an Android application using deep learning techniques to recognize and classify human activities (sitting, standing, lying, walking, walking upstairs, and walking downstairs) based on smartphone sensor data. Achieved an accuracy of 95% in real-time activity recognition, tested on a dataset of 5000+ activity samples. Reduced processing time by 30% through optimized algorithms, resulting in faster and more efficient activity detection.

Technologies Used: XML, Machine Learning (ML), Android Studio

[App Link](#)

**2. E-Commerce Website (React.js - Frontend)**

Developed a responsive e-commerce website using React.js, featuring product listings, a shopping cart, and user authentication UI. Utilized React Hooks and Context API for state management, ensuring smooth navigation and dynamic content rendering. Designed an intuitive and visually appealing UI with CSS and Tailwind CSS for an enhanced user experience. Developed a Frontend for Ecommerce Website using React js.

## ACHIEVEMENTS

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- Hackathon-2023: Secured Third place in Hackathon by BrainOvision (AWS).
- Participated in 24-hour Hackathon Conducted by CSE Dept in Our College
- Coding Wizardry-2023: Secured First place in Coding competition by Sri Vasavi Engineering College
- NSS Credit Course Instructor, Sri Vasavi Engineering College
- Coordinator of Code Crunch event conducted in Tech Fest -2024 by CAI and AIML Department, Sri Vasavi Engineering college
- Coordinator of AIMPACT CHALLENGE hackathon related to Recommendation engines in Tech Fest-2025 by CAI and AIML Department, Sri Vasavi Engineering College.

## CERTIFICATIONS

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- Microsoft Certified: Azure AI Fundamentals
- Geeksforgeeks Certified: ML and DS Course Completion.
- NPTEL Certification: Computer Networks and Internet Protocol.
- Eduskills Certified: Android Developer Virtual Internship.
- BrainOvision Certified: Amazon Web Services
- SkillVertex Certified: Web Development training program.

## EXTRACURRICULAR ACTIVITIES

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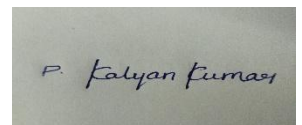
- NSS Credit Course Instructor
- Member of NSS
- Community Service Project: Conducted and Led a service project
- Led CAI Cricket team as Captain
- Event Manager in Microsoft Learn Student Club (2023-2024)
- DS and ML head in Microsoft Learn Student Club (2024-present)

## DECLARATION

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I hereby declare that the details and information given above are complete and true to the best of my knowledge.

Signature

A rectangular box containing a handwritten signature in black ink. The signature appears to read "P. Kalyan Kumar".