

G.Ajay

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EDUCATION

Kalasalingam Academy of Research and Education (KARE)

B.E. Computer Science and Engineering (AIML)

2023 – 2027

CGPA: 8.0 / 10

Sri Chaitanya Junior College

Senior Secondary (MPC)

2021 – 2023

EXPERIENCE

Software Engineer Intern

Feb 2026 – Present

Yuga Yatra Retail OPC Pvt Ltd

- Selected for a Full Stack and AI Engineering internship role focused on developing scalable web applications and intelligent systems.
- Working with Python, modern web technologies, and machine learning frameworks to build end-to-end solutions.

LEADERSHIP & ACTIVITIES

President

Jan 2026 – Present

IEEE Educational Society, KARE

- Leading technical workshops, events, and student development initiatives.
- Coordinating faculty and student teams to promote innovation and research culture.

Graphic Designer & Event Coordinator

Jan 2025 – Jan 2026

Computer Society of India (CSI), KARE

- Designed promotional materials and branding assets for technical events.
- Organized and managed college-level technical programs and student activities.

PROJECTS

CNN-Based Wardrobe Intelligence System | Python, TensorFlow

- Built an AI-powered fashion recommendation system using CNN for image classification and trend analysis.
- Integrated the trained model into a web interface for real-time predictions.

Smart Parking Management System | IoT, ESP32

- Developed an IoT-based smart parking system integrating RFID and occupancy detection.
- Designed a monitoring interface for real-time slot tracking.

Expense Tracker CLI App | Python

- Built a CLI-based expense tracking tool with structured storage and automated reports.

Customer Segmentation using K-Means | Scikit-learn

- Applied clustering techniques to segment customers and visualize business insights.

TECHNICAL SKILLS

Programming: Python, C++, SQL

Machine Learning & Deep Learning: Scikit-learn, TensorFlow, CNN, Random Forest, K-Means

Data Analysis: Pandas, NumPy, Matplotlib

Tools & Platforms: Jupyter Notebook, GitHub, VS Code, Power BI

Concepts: Supervised Learning, Unsupervised Learning, Model Evaluation, Feature Engineering

CERTIFICATIONS

Python for Beginners

Java Basics

Greekfest '24 – Technical Participation

NPTEL – Soft Skills

NPTEL – Responsible AI and Systems

Introduction to Tableau