

# G.Ajay

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## EDUCATION

<b>Kalasalingam Academy of Research and Education (KARE)</b> <i>B.E. Computer Science and Engineering (AIML)</i>	2023 – 2027 CGPA: 8.0 / 10
<b>Sri Chaitanya Junior College</b> <i>Senior Secondary (MPC)</i>	2021 – 2023

## EXPERIENCE

<b>Software Engineer Intern</b> <i>Yuga Yatra Retail OPC Pvt Ltd</i>	Feb 2026 – Present
<ul style="list-style-type: none"><li>– Selected for a Full Stack and AI Engineering internship role focused on developing scalable web applications and intelligent systems.</li><li>– Working with Python, modern web technologies, and machine learning frameworks to build end-to-end solutions.</li></ul>	

## LEADERSHIP & ACTIVITIES

<b>President</b> <i>IEEE Educational Society, KARE</i>	Jan 2026 – Present
<ul style="list-style-type: none"><li>– Leading technical workshops, events, and student development initiatives.</li><li>– Coordinating faculty and student teams to promote innovation and research culture.</li></ul>	
<b>Graphic Designer &amp; Event Coordinator</b> <i>Computer Society of India (CSI), KARE</i>	Jan 2025 – Jan 2026
<ul style="list-style-type: none"><li>– Designed promotional materials and branding assets for technical events.</li><li>– Organized and managed college-level technical programs and student activities.</li></ul>	

## PROJECTS

<b>CNN-Based Wardrobe Intelligence System</b>   <i>Python, TensorFlow</i>
<ul style="list-style-type: none"><li>– Built an AI-powered fashion recommendation system using CNN for image classification and trend analysis.</li><li>– Integrated the trained model into a web interface for real-time predictions.</li></ul>
<b>Smart Parking Management System</b>   <i>IoT, ESP32</i>
<ul style="list-style-type: none"><li>– Developed an IoT-based smart parking system integrating RFID and occupancy detection.</li><li>– Designed a monitoring interface for real-time slot tracking.</li></ul>
<b>Expense Tracker CLI App</b>   <i>Python</i>
<ul style="list-style-type: none"><li>– Built a CLI-based expense tracking tool with structured storage and automated reports.</li></ul>
<b>Customer Segmentation using K-Means</b>   <i>Scikit-learn</i>
<ul style="list-style-type: none"><li>– Applied clustering techniques to segment customers and visualize business insights.</li></ul>

## TECHNICAL SKILLS

<b>Programming:</b> Python, C++, SQL
<b>Machine Learning &amp; Deep Learning:</b> Scikit-learn, TensorFlow, CNN, Random Forest, K-Means
<b>Data Analysis:</b> Pandas, NumPy, Matplotlib
<b>Tools &amp; Platforms:</b> Jupyter Notebook, GitHub, VS Code, Power BI
<b>Concepts:</b> 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