

AJAY J

[Coimbatore, Tamil Nadu] | [+91 790718459] | [ajayj.officials@gmail.com] | [linkedin.com/in/ajay-jx/]

PROFESSIONAL SUMMARY

Analytical Data Analyst and UI/UX Designer leveraging AI-driven insights and human-centered design to craft intuitive, high-impact digital experiences. Proficient in SDLC, unit testing, cloud & AI-enabled development, strong problem-solving, stakeholder interaction.

EDUCATION

[B.E] in [ECE]

[SNS COLLEGE OF TECHNOLOGY] [Coimbatore] — Graduated: [2025]

CGPA / Percentage: [8.8]

PROJECTS / ACADEMIC EXPERIENCE

AI-Driven User Behavior Analytics Dashboard — [SEP 2024 – OCT 2024]

- Collected user interaction data (clicks, session time, navigation) from a prototype web/app to analyze behavior patterns.
- Used Python (Pandas, scikit-learn) for clustering (K-means) and classification to segment users into meaningful personas.
- Processed data using SQL for storage and retrieval; visualized insights in Power BI / Tableau.
- Generated 3 distinct user personas and recommended UI/UX changes based on data-driven insights to improve usability.
- Theoretically projected a potential 15% reduction in user drop-off rate following proposed design improvements.

EXPERIENCE / INTERNSHIPS

Corporate Trainer — [J – Impact creative learning services]

[September 2024 – November 2025]

Software Engineer (Industrial Trainer & Developer)

- Delivered C programming lectures to **2,000+ students at KPR College**, improving their coding fundamentals and raising average exam scores by 40%.
- Developed full-stack web and mobile applications (Java / Python / C# / JavaScript) following SDLC, including design → code → testing → deployment, improving internal demo turnaround by 30%.

- Built industry-style prototypes (e-commerce, cloud-enabled data apps) to illustrate modern engineering practices; conducted unit testing, debugging, and version control with Git/GitHub for robust deliverables.
- Collaborated with cross-functional teams to architect scalable solutions and improve code quality, reducing production-bug rate by ~25% and improving maintainability across 3 project modules.

SKILLS

- **Technical Skills:** Java, Python, C#, SQL, Unit Testing, Data Analysis, Cloud, AI, SDLC
- **Tools & Software:** Excel, PowerPoint, Git-GitHub, Tableau / Power BI, Version Control, Cloud Platforms
- **Soft Skills:** Analytical Thinking, Strong Communication (written & verbal), Teamwork & Collaboration, Process Orientation, Stakeholder Management

CERTIFICATIONS

Certified Aspiring Architect - [CFC, SNS College of Engineering & Technology India]], [2024]

Certified Design Thinker IBM [2022]

LANGUAGES

- English 1 — Proficiency
- Tamil 2 — Proficiency
- Malayalam — Proficiency

INTERESTS / EXTRACURRICULARS

Designing, Reaching