

AKSHAYA RAMALINGAM SIRAIMETAN

ECE + Data Science Dual Degree Student

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PROFESSIONAL SUMMARY

Motivated and analytical undergraduate pursuing Electronics and Communication Engineering with a dual degree in Data Science(IIT Madras). Passionate about research, human-centered design, and real-world problem solving. Experienced in product development, educational tech, and user research with focus on neurodivergent kids. Adept in Python, SQL, and collaborative tools like Git and Figma.

WORK EXPERIENCE

Project Developer Jan 2025 – Present

Independent Learning App for Neurodivergent Children

- Conducted research on neurodivergent learners' cognitive and sensory profiles
 - Applied design psychology and color theory to tailor accessible interfaces
 - Developed backend logic for quiz modules and activity tracking features
 - Collaborated on UI prototypes using Figma
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PROJECTS

Personal Portfolio - Web Development

- Tech stack used : HTML, CSS,JS
 - Designed and developed a clean, responsive personal website using HTML, CSS, and custom typography
 - Highlights projects, resume, and contact form with elegant, accessible UI
 - Implemented thoughtful gradients, semantic HTML, and consistent styling for recruiter-friendly presentation
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SKILLS

- **Programming** : Python, SQL, Java, C
 - **CS Fundamentals** : DSA, OOP, Databases
 - **Tools** : GitHub, Jupyter Notebook, Google Sheets
 - **UI/UX** : Figma, Canva
 - **Soft Skills** : Research, Technical Writing, Collaboration, Adaptability
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EDUCATION

B.Tech in Electronics & Communication Engineering - CGPA: 8.41 2023 - 2027

Indian Institute of Information Technology, Tiruchirappalli

BS in Data science and Programming | Diploma ongoing - CGPA: 6.68 2023 - Present

Indian Institute of Technology, Madras (Online degree program)