

# AKSHAYA RAMALINGAM SIRAIMEETAN

## 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.

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### 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)