

Eshanaa Ajith K

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PROFILE

Dedicated CSE student with strengths in **Software Development, NLP, and Data Analytics**. Skilled in Python, Java, C, and SQL, with a strong focus on problem-solving, clean development, and continuous learning.

EDUCATIONAL BACKGROUND

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| Amrita School of Engineering, Coimbatore <i>Bachelor of Technology in Computer Science Engineering</i> | 2023 – 2027 |
| Vidhyasagar International Public School, Tiruppur <i>Senior Secondary Education – Science Stream</i> | 2021 – 2023 |
| Vidhyasagar International Public School, Tiruppur <i>Higher Secondary Education</i> | 2021 – 2023 |

PROJECTS

Finance Tracker App 📄

- Built a **Python-based finance tracking system** to record expenses and monitor daily spending.
- Designed features for **adding, editing, and deleting transactions** with category-wise organization.
- Generated **monthly summaries and spending visualizations** using matplotlib.
- Implemented **CSV-based secure storage** and validation for reliable data management.

Multilingual NLP Toolkit

- Created a **10-feature NLP toolkit** with prompt enhancement, clustering, and A/B testing.
- Used **spaCy, transformers, scikit-learn**, and **Gemini APIs** for NER and semantic search.
- Added **error-resilient architecture** with fallbacks.
- Enabled **TTS and multilingual output** in 6 Indian languages.

SKILLS

Programming: Python, C, Java, SQL Front-end
Developer : HTML, CSS, JavaScript, React Data
Visualization Pandas, Matplotlib Database
Management: MySQL

LANGUAGES

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|----------------------------|------------------------------|--------------------------|------------------------------|
| English (Fluent) | Malayalam (Fluent) | Tamil (Fluent) | Hindi (Proficient) |
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CERTIFICATIONS

- Certified Google Data Analyst
- Data Science and Machine Learning
- Six Figma White Belt