

# Eshanaa Ajith K

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## PROFILE

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

## PROJECTS

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### 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

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Programming: Python, C, Java, SQL Front-end

Developer : HTML, CSS, JavaScript, React, Data

Visualization Pandas, Matplotlib, Database

Management: MySQL

## LANGUAGES

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<b>English</b> (Fluent)	<b>Malayalam</b> (Fluent)	<b>Tamil</b> (Fluent)	<b>Hindi</b> (Proficient)
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## CERTIFICATIONS

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