

SUMMARY

Final-year Computer Science and Engineering student with hands-on experience in Full Stack and Flutter development through three internships. Proficient in Flutter, Python, React, Flask, Firebase, SQL, and REST APIs, with experience building responsive web and mobile applications. Published a research paper on Artificial Intelligence in healthcare and passionate about developing scalable software solutions.

SKILLS

Programming Languages: Python, Java, C, C++ | **Frontend:** HTML5, CSS3, Bootstrap 5, Responsive Web Design | **Mobile Development:** Flutter, Dart | **Backend & APIs:** Supabase, Firebase, REST APIs | **Databases:** MySQL, SQLite | **Version Control & Tools:** Git, GitHub, VS Code

PROJECTS

Tomato Plant Disease Detection & Yield Loss Prediction

Technologies: Python, TensorFlow, OpenCV, Flask, HTML, CSS, JavaScript

- Trained a deep learning model on tomato leaf images to identify multiple plant diseases with high prediction accuracy.
- Implemented a yield loss prediction module that estimates crop production loss based on the detected disease severity.
- Integrated the trained machine learning model with a Flask backend for real-time predictions.

Neuralingua – AI-Powered English Learning Platform

Technologies: React.js, Flask, Python, PostgreSQL, SQLite, JavaScript, HTML, CSS, REST APIs

- Contributed to the development of Neuralingua, an AI-powered English learning platform featuring interactive modules for Grammar, Listening, Speaking, Reading, Writing, Vocabulary, and Critical Thinking.
- Developed both frontend and backend functionalities using React.js and Flask, ensuring seamless integration between the user interface and REST APIs.

EXPERIENCE

Flutter Developer Intern | Starvik Solution Pvt Ltd06/2026 – 07/2026

- Developed cross-platform mobile applications using Flutter and Dart for Android and iOS.
- Designed and implemented responsive user interfaces following Material Design principles.
- Integrated REST APIs and Firebase services, including Authentication and Cloud Firestore.

Full Stack Developer Intern | NeuraGlobal02/2026 – 03/2026

- Contributed to the development of **Lingua AI**, an AI-powered language learning platform by developing both frontend and backend features.
- Developed and integrated backend modules, REST APIs, and database operations to support application functionality and data management.
- Collaborated with cross-functional teams to connect frontend components with backend services, ensuring efficient data flow and system performance.

AI & IBM Cloud Technologies Intern | Edunet Foundation (IBM SkillsBuild)06/2025 – 07/2025

- Completed a 4-week internship focused on Artificial Intelligence and IBM Cloud Technologies.
- Applied machine learning concepts and cloud computing fundamentals to build AI-based solutions.
- Gained hands-on experience with AI workflows, data analysis, and cloud-based application development.
- Strengthened technical, analytical, and collaborative problem-solving skills through practical projects.

EDUCATION

Bachelor of Engineering (B.E.) – Computer Science and Engineering,2027
Annai Mira College of Engineering and Technology (GCPA: 8.445/10)
(Anna University)

Higher Secondary (Class XII), Dr. Natarajan Matric Hr. Sec. School (80.5 %)2023
(State Board)

PUBLICATIONS

A Comprehensive Study of Artificial Intelligence Applications in Kidney Disease and Future Directions for Research
Published in the Proceedings of the Third International Conference on Cyber & Information Security (ICCIS 3.0), organized by the PG Department of Data Science, Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai, India, September 2025.**ISBN:** 978-93-94412-34-7

ACHIEVEMENTS

- **Treasurer, IDC-AMECT Student Club:** Managed financial planning and budgeting while supporting the organization of technical events and student activities.
- **Smart India Hackathon (SIH):** Participated in the inter-college level hackathon, developing innovative technology solutions to real-world problems.
- **MSME Idea Hackathon 4.0 & 5.0:** Participated in the national innovation challenge by presenting startup and technology-driven ideas.
- **IDC Nexus Hackathon:** Participated in the **IDC Nexus Hackathon**, collaborating in a team to design and develop innovative software solutions within a competitive environment.