AGNES STEFFI A

📍 Tiruchirappalli, Tamil Nadu - 620011 | 📞 +91 91593 21363

✉️ agnessteffi525@gmail.com

🔗 **GitHub:** https://github.com/AgnesSteffi

🔗 **LinkedIn:** https://www.linkedin.com/in/agnes-steffi-a-2819ab293

Objective

Curious and meticulous developer skilled in C++, full-stack technologies, and database systems. Focused on building scalable, high-performance solutions that align with real-world needs. Thrives in fast-paced environments, solving, refining, and constantly learning. A go-getter with a collaborative spirit, driven by clean, future-ready development.

Education

B.E. – Computer Science and Engineering
Saranathan College of Engineering, Trichy, TN   [Year: 2021 – 2025]
CGPA: 8.7/10

HSC – 12th Grade
St. James Matriculation Higher Secondary School, Trichy, TN   [Year: 2021]
Percentage: 93.4%

SSLC – 10th Grade
Seventh Day Adventist Matriculation High School, Trichy, TN   [Year: 2019]
Percentage: 92.4%

Technical Skills

- **Programming languages:** C++, Java, Python.
- **Web Development:** HTML, CSS, JavaScript.

- **Frameworks:** Flutter, Dart, React.

- **Database & data handling:** SQL, MySQL, MongoDB.

- **Tools & Dev Environment:** Git, Docker, Postman, VS Code, PyCharm.

- **Concepts:** Object-Oriented Programming, Data Structures, Machine Learning.

Projects

World Time App | Flutter, Dart

Developed a mobile app displaying accurate timezones for all countries with adaptive day/night wallpapers and a user-friendly interface.

Traffic Sign Classifier | Python, CNN, scikit-learn

Created a machine learning model to classify traffic signs using the German Traffic Signs Dataset, achieving high accuracy with CNN and scikit-learn.

Transport Management Web App | React.js, TailwindCSS, Node.js, MongoDB

Built a full-stack web app for transport service bookings, featuring user authentication, admin dashboards, real-time updates, and a responsive UI using TailwindCSS.

Driver Fatigue Detection System | YOLOv11, OpenCV, Python

Developed a real-time system detecting driver fatigue and distractions using YOLOv11 and OpenCV, with alert mechanisms like buzzers and emergency notifications.

Certifications

- Data Structures & Algorithms, Inlustro Learning Pvt. Ltd.
- Enterprise Python, Inlustro Learning Pvt. Ltd.
- AI-based Real-life Projects, Inlustro Learning Pvt. Ltd.

Languages Known

- English
- Tamil