Jyothika Thumbasseril Manoj

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🪪 Profile

Aspiring software developer with strong problem-solving skills and a solid foundation in computer science fundamentals. Consistent performer with hands-on experience in web development.Highly motivated individual ready to engage in a responsible role, driving growth and ensuring excellent results.

🎓 Education

2022 – present Kollam, Kerala	**Bachelor of Technology in Computer Science and Engineering** *Amrita Vishwa Vidyapeetham, Amritapuri*	*CGPA - 9.63*
2022 Anakkal, Kerala	**Higher Secondary** *St. Antony's Public School*	*CBSE - 95.0%*
2020 Muscat, Oman	**Secondary** *Indian School Al Wadi Al Kabir*	*CBSE - 94.4%*

🗂 Projects

Smart Waste Segregation System 　 **February 2025**
- Develop a deep learning-based waste segregation system using CNNs with transfer learning to classify waste with >90% accuracy.
- Optimize model performance with data augmentation and fine-tuning to reduce overfitting.

Airbnb Clone 　 **September 2024**
https://github.com/jyothika8141/Airbnb-clone.git ⧉
- Developed the frontend for a full-stack Airbnb clone using Next.js.
- Focused on implementing key features such as user authentication, property listings, booking functionality, and a chat application.
- Managed the backend with Django and PostgreSQL, and utilized Docker for containerization to streamline deployment.

Online Shopping Cart 　 **April 2023**
https://github.com/jyothika8141/Online-Shopping-Cart ⧉
- Developed a Java-based CLI application for an online shopping cart, implementing features such as product browsing, cart management, and order processing.
- Designed the application to promote code modularity and reusability, adhering to object-oriented principles to facilitate easy feature expansion.

💼 Internship

2025 Bengaluru	**EID Intern (Upcoming)** *GE HealthCare* 　• Selected for a summer internship starting in May 2025. 　• Will gain experience in software development and contribute to ongoing projects.

🎨 Skills

Django, Docker　•　MySQL, PostgreSQL　•　React, Next.js, Tailwind CSS　•　C++, Python, Java　•　Git, Github

🌐 Languages

English, Hindi to Read, Write, Speak and Understand. Malayalam to Speak and Understand fluently.

🔠 Interests

- Backend Web Development
- Deep Learning