Sreelekshman S

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Education

2021-present 📑 **Integrated MSc. Computer Science (Data Science)**, Mahatma Gandhi University, Sacred Heart College (Autonomous), Thevara, Kochi, Kerala, India.
Current CGPA: *4.6/5*
Bachelor's thesis title: *GenreGlimpse: Multi-Model Movie Genre Prediction from Poster*

2021 📑 **Kerala Higher Secondary Certificate Examination**, Government Vocational Higher Secondary School Chunakara, Mavelikara, Kerala, India.
Percentage: *99.3*

2019 📑 **Secondary School Leaving Certificate Examination**, Government Vocational Higher Secondary School Chunakara, Mavelikara, Kerala, India.
Grade: *Full A+*

Experience

2023-present 📑 **Open-Source Contributor**, BlissLabs.

📌 Maintainer for **realme X50 Pro 5G**, ensuring device compatibility and performance in the BlissRoms ecosystem.

📌 **Jenkins Server Maintenance**: Implements and manages CI/CD pipelines for efficient build automation.

📌 Develops and maintains **Telegram bots** for community engagement and release notifications with poster generation for release builds using Python.

📌 Responsible for **website maintenance**, ensuring a seamless user interface and up-to-date information for the BlissRoms project.

Publications

1 **Sreelekshman S**, A. Nihal, and M. C. Vishnu, "Movie poster analysis and genre prediction," in *International Conference on Advances in Emerging Computing Technologies (ICAECT 2023)*, Sacred Heart College (Autonomous), Kochi, Kerala, India, 2023, pp. 24–28. 🔗 URL: https://www.google.co.in/books/edition/ADVANCES_IN_EMERGING_COMPUTING_TECHNOLOG/zbzREAAAQBAJ?hl=en&gbpv=1&dq=ICAECT%202023%20thevara&pg=PA24&printsec=frontcover.

Projects

📑 **GenreGlimpse**: Multi-model multi-label movie genre classification system based on poster of movies.

📑 **upNAS**: Telegram bot that pushes file to any remote shared storage.

📑 **Kraken-3.0**: Modified v4.19.y Linux kernel for kona based Realme devices.

Projects (continued)

- 🔖 **Sacred Heart Automated Time Table Announcer (SATT)**: Time table announcer, Arduino project.
- 🔖 **BlissRoms**: Device maintainer of Realme X50 Pro 5G.

Skills

Languages	🔖 English, Malayalam, Hindi.
Coding	🔖 Java, Python, C, C++, R, Kotlin.
Data Science	🔖 Machine Learning, Data Analytics, Data Mining, Data Visualization, Feature Engineering, Model Deployment, Neural Networks.
Deep Learning	🔖 LLMs, Diffusion models, Model training with LoRA and QLoRA, Neural Network Architectures, Deep learning frameworks (TensorFlow, PyTorch, Keras).
Databases	🔖 MySQL, SQLite, MongoDB.
Web Dev	🔖 Html, css, JavaScript, Apache Web Server, NodeJS, ReactJS, jQuery, PHP.
Misc.	🔖 Docker, Unix, Git, Android Development, Server Operating Systems, Cloud Computing, Networking, Process Automation, LaTeX typesetting ⋯

Miscellaneous Experience

Certification

2023	🔖 **Introduction to Big Data**. Awarded by the University of California, San Diego. https://coursera.org/share/0f30c45891e83c6d3a8a7c76618ed300
	🔖 **Basics of Cyber Forensics and Data Security**. Awarded by Tech by Heart, Kochi.

Workshops

2024	🔖 **Building Interactive Dashboards with Grafana**. Building Interactive Dashboards with Grafana.
	🔖 **LLM Architecture and Model Deployment**. Organized by Tinkerspace, Kochi, Kerala.
2023	🔖 **GPU Programming and Distributed Deep Learning With Pytorch**. Organized by the Department of Computer Science, Cochin University of Science and Technology, Cochin.
2022	🔖 **Cyber Security and Ethical Hacking**. Organized by Government Engineering College, Thiruvananthapuram, Kerala.

Presentation

2023	🔖 **Movie Poster Analysis and Genre Prediction using Deep Neural Networks**. Presented at ICAECT 2023, Sacred Heart College, Thevara, Ernakulam, Kerala, India.
	🔖 **Artificial Intelligence for Society**. Organized by Sacred Heart College, Kochi, Kerala.

References

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