Sreelekshman Sreekumar

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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+*

Projects

- **GenreGlimpse**: Multi-model multi-label movie genre classification system based on the poster of movies.
- **Constino**: An AI chat-bot that provides constitutional analysis of a given scenario using retrieval-augmented generation.
- **upNAS**: Telegram bot that pushes files to any remote shared storage.
- **Kraken-3.0**: Modified v4.19.y Linux kernel for kona-based Realme devices.
- **Sacred Heart Automated Time Table Announcer (SATT)**: Time table announcer, Arduino project.
- **BlissRoms**: Device maintainer of Realme X50 Pro 5G.

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.

Publications

1. S. Sreelekshman, N. Aboobaker, 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.

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**. DevFest 2024, Google, Kochi
	▌	**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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