SHLOK CHETAN KULKARNI

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EDUCATION

Vellore Institute of Technology   Vellore, India
B.Tech in Computer Science   Sept. 2021 – May 2025 *(expected)*
- CGPA: 8.91

Suryadatta Public School   Pune,India
HSC - XII Grade   Jun. 2019 – Mar. 2021
- Marks: 89%

D.A.V. Public School   Pune,India
CBSE - X Grade   Mar. 2007 – Mar. 2019
- Marks: 94.8%

PUBLICATIONS

1. C. Jitendra Chandnani, V. Agarwal, **S. Chetan Kulkarni**, A. Aren, D. G. B. Amali, K. Srinivasan. A Physics-Based Federated Deep Learning Model for Intrusion Detection. IEEE Access, 2025.

2. V. Agarwal, C. Jitendra Chandnani, **S. Chetan Kulkarni,** A. Aren, K. Srinivasan. Aggregation Methods in Federated Learning on MNIST. AIKP, Springer, 2025.

3. Revolutionizing Healthcare: Impact of Generative AI on Medical Science. Generative AI in Healthcare, Wiley, 2025. (Accepted)

4. Artificial Intelligence for Smart Grids. Artificial Intelligence for Smart Grids, Springer, 2025. (In review)

INTERNSHIPS

ElasticRun | Pune, India   2023.08 - 2023.12
- Developed a Retrieval-Augmented Generation (RAG) tool to automate HR queries using internal documents.
- Extended RAG implementation to enable SQL query generation from natural language inputs.

CERTIFICATIONS

Generative AI with LLMs   16 hours
Coursera   August 2023
Machine Learning Specialization   75 hours
Coursera   June 2023

SKILLS

Languages: English(C1),Hindi(Native),Marathi(Native),German(A2)
Programming: Python, C, C++,