Aviral Srivastava

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Summary

Aspiring professional with experience in AI and Machine Learning, focusing on data analysis and algorithm development. Quick learner with strong analytical skills and a commitment to continuous growth. Motivated to contribute in dynamic team environments and take on new challenges.

Skills

Technical Skills:	Languages: JAVA, Python, OOPS, SQL Technologies, Platforms & Tools: VsCode, Ubuntu (Linux), IntelliJ IDEA, Git/GitHub
Soft Skills:	Problem Solving, Critical Thinking, Communication, Leadership, Teamwork, Mentoring, Time Management, Adaptability, Fast Learner

Education

KIIT Bhubaneswar — Sept. 2022 – Jul. 2026
B.Tech. in Computer Science and Engineering
CGPA: 7.8/10

Lucknow Public School, Lucknow — 2020 – 2021
Intermediate
Percentage: 87.4%

Lucknow Public School, Lucknow — 2018 – 2019
Matriculation
Percentage: 90.16%

Projects

Next-Generation Deep Signature Framework for Analyzing Financial Data (Dec 2024 – Apr 2025):
A novel Deep Signature Model combining signature theory with neural networks enhances financial time series forecasting by capturing complex market behaviors and improving predictive accuracy.

A Survey on Digital Twins - Enabling Technologies, Use Cases, Applications, Open Issues and More (Present): This survey explores enabling technologies, applications across sectors, and highlights benefits like innovation and efficiency, while addressing key adoption challenges including data integration, security, and scalability.

Publications

Aviral Srivastava, Aditya Prakash, Ayush Baranwal, Rahul Kumar Sahu, Atri Bandyopadhyay, Prasun Chakraborty. "Curtailing Copying: Crafting an Advanced Textual Integrity Assessment System for Detecting Plagiarism." *15th International Conference on Computing Communication and Networking Technologies (ICCCNT)*, 2024.
DOI: 10.1109/ICCCNT61001.2024.10724687

Achievements

- Received **Letter of Recommendation** from **Dr. Mainak Biswas** for leading deep technical analysis and model evaluation in the Next-Gen Deep Signature Framework for Financial Data, while expanding expertise in cryptography, machine learning, and collaborative research projects.