

# Achyut Tiwari

LinkedIn  
Github

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## Education

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<b>Jaypee University of Information Technology(JUIT)</b> <i>B.Tech in Computer Science and Engineering</i> CGPA: 7.9	Jul 2019 – May 2023 <i>Solan, Himachal Pradesh, India</i>
<b>St. Xavier's Senior Secondary School</b> <i>10+2 in PCM with Computer Science</i>	May 2016 – May 2018 <i>HarDOI, Uttar Pradesh, India</i>

## Experience

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<b>Devops Intern</b> <i>Synchsoft Technologies</i> <ul style="list-style-type: none"><li>Orchestrated CI/CD for diverse projects.</li><li>Dockerized web &amp; Android apps; managed via Kubernetes.</li></ul>	June, 2022 – July, 2022 <i>Lucknow, Uttar Pradesh</i>
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## Publications

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- A. Tiwari, A. Chugh, and A. Sharma, "Ensemble framework for cardiovascular disease prediction," *Journal of Computers in Biology and Medicine*, Vol. 146, May 2022 [Impact Factor- 7.7]
- A. Tiwari, A. Chugh, and A. Sharma, "Uses of artificial intelligence with human-computer interaction in psychology, in: Innovations in Artificial Intelligence and Human-Computer Interaction in the Digital Era," *Intelligent Data-Centric Systems*, Academic Press, 2023, pp. 173–205., Jul 2023 .
- A. Tiwari , A. Gupta and T. Gupta, "A Robust Approach to Shear Strength Prediction of Reinforced Concrete Deep Beams using Ensemble Learning with SHAP Interpretability," Mar 2023 [Manuscript Submitted]
- R. Mohana, A. Tiwari , A. Pachauri and A. Sharma, "Intelligent Load Balancing of User Requests from IoT Devices in a Fog Environment," Mar 2023 [Manuscript Submitted]

## Position of Responsibility

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<b>Founding President</b> <i>Society for Industrial &amp; Applied Mathematics Chapter of JUIT</i>	Sep, 2022 – Feb, 2023 <i>Solan, HP</i>
<b>Secretary</b> <i>Alumni Cell, JUIT</i>	Oct, 2021 – Apr 2022 <i>Solan, HP</i>
<b>Coordinator</b> <i>Procurement &amp; Event Management Committee , JUIT Youth Club</i>	Aug, 2021 – April 2022 <i>Solan, HP</i>

## Awards & Honors

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<b>SIAM Travel Awards –800 USD</b> <i>Society for Industrial &amp; Applied Mathematics (SIAM)</i>	2022
<b>Honorary President &amp; Chairman</b> <i>SIAM Chapter of Jaypee University of Information Technology</i>	2023

## Professional Memberships

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**Society for Industrial & Applied Mathematics (SIAM)** : Nominated Member-020990506  
**Association for Computing Machinery (ACM)** : Professional Member- 5377283