

CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA

Yash Kumar Sriwastav

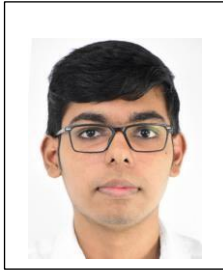
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ACADEMICS				
Qualification	Institute	Board / University	Year	% / CGPA
B.TECH	Christ University, Bengaluru, Karnataka	Christ University	2026	8.9 /10
XII	Bodhicariya, Kolkata, West Bengal	CBSE	2022	84.00%
X	Purwanchal Vidyamandir, Kolkata, West Bengal	ICSE	2020	94.80%
Select your UG-course type		<input checked="" type="checkbox"/> Full-Time <input type="checkbox"/> Open-School <input type="checkbox"/> Distance <input type="checkbox"/> Correspondence		
No. of active backlogs (Type NA if not applicable)		NA		

CERTIFICATIONS / PUBLICATIONS	
<ul style="list-style-type: none">Epilepsy Seizure Detection Using Supervised Learning Algorithms (Conference Publication)Multicomponent Synthesis of N-Heterocycles (Journal Publication)Early Stage Alzheimer's Detection (Got funding of 90000)DeepLearningAI's TensorFlow Professional CertificateAWS Cloud Technical EssentialsNPTEL – Data Mining (IIT Kgp)Deep Learning Specialization	

INTERNSHIPS	
Christ University 2023	<ul style="list-style-type: none">Published a research paper in Q+ journal (Chemistry Europe) on Multicomponent Synthesis of n- substituted thiazole.Published a paper at the INC4 conference under IEEE on Epilepsy Seizure Detection using Supervised Machine Learning Algorithms. It was implemented using a Support Vector Machine and KNN in it.
VisionAstra 2024	<ul style="list-style-type: none">Built a veterinary medicine web app using HTML, CSS, JavaScript, Firebase, and Stripe.Developed user authentication, product catalog, and payment processing features.Conducted on-site data collection and applied Agile methodologies.
Requip Digital Pvt. Td. 2025	<ul style="list-style-type: none">Built a Python-Flask web app to automate Gujarat textile subsidy rules; integrated Firebase for auth and storage, created investor pitch decks, and presented to MSMEs and industry leaders.Engaged in customer outreach, analyzed import/export data from major ports, and supported strategic insights for product-market alignment.

PROJECTS	
ML-Based Waste Segregation 2024	<ul style="list-style-type: none">Developed a Flask-based web application that utilized a pre-trained machine learning model to classify waste images into five recyclable categories with 91% accuracy.Technologies used: HTML, CSS, JavaScript, React
Lung Cancer Detection System 2024	<ul style="list-style-type: none">Engineered a robust lung cancer detection system leveraging TensorFlow and Random Forest algorithms, showcasing adeptness in machine learning and data analysis.
House Price Prediction 2024	<ul style="list-style-type: none">Engineered a sophisticated house price prediction model using advanced regression techniques and ensemble learning algorithms, showcasing proficiency in data preprocessing, feature engineering, and model optimization.
Network Scanner 2025	<ul style="list-style-type: none">Developed a Python-based network scanner using Scapy with support for ICMP, TCP, and ARP scans, customizable scan modes, port ranges, and detailed output for efficient network exposure and vulnerability analysis.



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SKILLS

Programming Languages:

- Python
- C Programming
- Java
- SQL
- Linux

Framework/Technologies

- Data Structures and Algorithm
- AWS
- Tensorflow
- Cisco Packet Tracer
- MongoDB
- NumPy
- Pandas
- Matplotlib

POSITIONS OF RESPONSIBILITY

IEEE, 2024

- Appointed as Vice-Chair by IEEE GRSS Society Christ University Bangalore Chapter

ACII, 2024

- Appointed as Quantum Computing Club Head by ASCII (a student body in CSE Department)

Astral Esports, 2024

- Appointed as Secretary by Astral (Esports Club of University)

ACADEMIC ACHIEVEMENTS

- **Winner of Open Weaver Hackathon at Christ University – 2023**
- **Working Under Funded Research Project of Alzheimer's Detection – 2024**
- **Qualified for Round 2 in Smart India Hackathon – 2024**
- **Presented Research Paper in the Inc4 Conference – 2024**

EXTRA CURRICULAR ACTIVITIES

TechUtsav, 2023

- Part of Organising committee of the event

Service Learning, 2024

- Visited schools for mentally disabled children, helping them with inventory management application and classes

ASCII, 2024

- Conducted peer to peer classes

IEEE, 2024

- Part of Events team for INC4 2024 and CIS 2024 Conference