

# SAHIL

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## EDUCATION

- **M.Tech in Artificial Intelligence** 7.91 CGPA Ongoing  
Dr. B R Ambedkar National Institute of Technology || Jalandhar Aug 2023 – May 2025
- **B.Tech in Computer Science Engineering** 8.18 CGPA  
Himalayan Group of Professional Institutions || Sirmaur Aug 2019 – May 2023

## WORK EXPERIENCE

- **JUNIOR DATA SCIENTIST RESEARCH ASSOCIATE** Mar 2024 - May 2024  
Croma Campus || Noida  
Worked on a Health project, analyzing data & developing a predictive model under the guidance of a Sr. Data Scientist.
- **CODING TUTOR** Jan 2024 – Apr 2024  
CodeKaro Yaaro International Coding School || Maharashtra  
Instructed 50+ students across various countries, improving their coding skills by an average of 15% based on their assessments.
- **NATIONAL CO-OP. DATA REPOSITORY INTERN** Dec 2022 – Jan 2023  
Ministry of Co-op. & AICTE || New Delhi  
Enhanced National Cooperative Database efficiency through Data Preparation for PACS, Dairy, & Fishery cooperative societies.
- **DATA SCIENCE INTERN** Jun 2021 – Dec 2021  
Top Minds || New Delhi  
As an intern, collaborated with an 11-member team to develop machine learning models & contributed to all stages of the DSLC.

## PROJECTS

- **Portfolio Webpage** 🌐  
I have developed a personal portfolio webpage to showcase my skills, projects, & achievements.
- **Sales Data Dashboard** 🌐 August 2024  
Using Power BI create an attractive dashboard to track & analyze sales data.
- **Multiple Health Risks Prediction using Machine Learning** 🌐 March 2024  
Led the development of an ML-based health risk prediction model that secured 2<sup>nd</sup> place in a National Conference.
- **Medical Store Management System** 🌐 December 2023  
Developed a Desktop app using Python's Tkinter to manage patient information & inventory.
- **COVID-19 Impact Analysis** 🌐 May 2023  
Analyzed global COVID-19 data for insights on health, economy, & demographics using Python.
- **Stationery Management System** 🌐 December 2022  
Developed a system in Java to manage orders, billing, & receipts for a stationery store.
- **Quiz Application** 🌐 August 2022  
I have developed a quiz application with a user-friendly GUI using Java.

## SKILLS

- **Programming:** Python, Java, C++, HTML.
- **Technical Skills:**
  - **AI/ML:** Prediction Models, Machine Learning algorithms, Neural Networks, CNN, RNN, Deep Learning, PyTorch, TensorFlow, Time series forecasting, Data Science, NLP, Data Collection, Preprocessing, Analytics, & Feature Engineering, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Tkinter & PowerBI.
  - **Software Development:** Data Structure, SDLC, OOPS, GUI, AWT, Swing.
- **Soft Skills:** Effective communication, Teamwork Ability, Leadership, Time management, & Cultural competence.

## INDUSTRIAL TRAINING

- **Advanced NLP: Integrating AI & ML Techniques** Dec 2024  
Completed a one-week online course on integrating NLP with AI & ML techniques at Dr. B R Ambedkar National Institute of Technology, Jalandhar.
- **Python 101 for Data Science:** Sep 2024  
Completed a Python for Data Science course offered by Cognitive Class (IBM Developer Skills Network).

- Machine Learning & Deep Learning for Realtime IoT Applications:** Mar 2024  
*Attended a one-week online course on ML, DL, & their applications in real-time IoT scenarios at Dr. B R Ambedkar National Institute of Technology, Jalandhar.*
- Professional in Data Science** Feb 2023 – Feb 2024  
*Completed 1-year Data Science course with Python, AI, ML, Power BI, Advanced Excel, & SQL modules at Croma Campus, Noida.*
- Advanced Java Training** Aug 2022 – Sep 2022  
*I completed project-based training in Advanced Java at the Department of Digital Technologies & Governance, Shimla.*
- Advanced Java Training** Aug 2022 – Sep 2022  
*Completed a 6-week Advanced Java training with hands-on assignments from Solitaire Infosys Pvt. Ltd., Mohali.*
- Django Training using Python** Jun 2021 – Sep 2021  
*Gained hands-on experience in web development training on Django with Python at CETPA Infotech Pvt. Ltd., Noida.*
- C++ Course** May 2021  
*Completed a 5-hour online C++ course covering syntax, data structures, & OOP concepts from Udemy.*








## AWARDS & ACHIEVEMENTS

- Algo University Technology Fellowship 2024 || Qualified Stage 1, top 4,000 of 20,000+.
- 2nd Rank** National Conference “From Prediction to Prevention: AI Strategies for Disease Management” || by presenting my project “Multiple Health Risks Prediction” || 2024.
- Secured **1st Place** in Graduation, awarded Top Student || 2023.
- Amar Ujala Bhavishya Jyoti Awardee || 2023.
- Winner of Indian Constitution Day Speech Competition || 2022.
- Innovate India Coding Championship 2022 || Qualified two rounds.
- Qualify Himachal Pradesh Engineering Entrance Test || 2019.
- 95<sup>th</sup> rank in HPBOSE 10th exam || Merit Holder || 2017.
- Best Blood Donor Medal awarded by Amar Ujala for donating blood 3 times.

## ROLES & LEADERSHIP

- The PG Student Representative (Special Invitee) of Student Grievance Redressal Committee (SGRC) || NIT, Jalandhar || 2024.
- Led a team of 5 in Smart India Hackathon 2024, developing a Conversational Image Recognition Chatbot that solved real-world problems for Bharat Electronics Limited (BEL) & also participated in Smart India Hackathon 2023.
- Organized AI Hackathon with AIREV || NIT Jalandhar || 2024.
- Class Representative during Graduation & House Captain in school.

## REFERENCES

- Dr. Urvashi** Assistant Professor at the Department of Computer Science & Engineering  
 [Profile at National Institute of Technology Jalandhar](#)  [LinkedIn](#)  [urvashi@nitj.ac.in](mailto:urvashi@nitj.ac.in)  +91-1815037605
- Dr. Shefali Arora Chouhan** Assistant Professor at the Department of Computer Science & Engineering  
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