

# Shreyansh Srivastav

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## EDUCATION

- Indraprastha Institute of Information Technology, Delhi (IIITD)** Delhi, India  
*Bachelor of Technology - Computer Science ; CGPA: 8.85\** July 2022 - June 2026  
**Key Courses:** Operating Systems, Data Structures, Algorithm Design, Advanced Programming, Machine Learning, Computer Networks, Database Management, Natural Language Processing, Software Development using Open Source

## SKILLS SUMMARY

- Expertise:** Data Structures and Algorithms, Full Stack Development, Object-Oriented Programming, Machine Learning
- Languages:** Python, C++, JavaScript, Java
- Frameworks:** Scikit-learn, TensorFlow, Keras, FastAPI, Flask, NodeJS, React, JavaFX, Redux Toolkit, Pytorch, NextJS
- Tools:** Streamlit, Postman, Github, PostgreSQL, MySQL, Firebase, Linux, REST API, Tailwind CSS

## EXPERIENCE

- Third Place** Bengaluru, India  
*Founding Engineer* June 2025 - Present
  - Third Place mobile Platform:** Deployed an event booking platform with personality-based matching, secure payments, and admin dashboard, delivering a production-ready app in 10 days to streamline social event discovery and booking.
- MIDAS Lab, IIIT Delhi** Delhi, India  
*Web Developer* Jan 2025 - Present
  - Accessible Test-Taking Platform:** Engineered a web-based test platform for visually impaired users, integrating audio and Braille support, improving accessibility compliance by 90%, and reducing test completion time by 40%.
- Enveave** Delhi, India  
*Web Developer* Jan 2025 - May 2025
  - Volunteer-NGO Matchmaking Platform:** Implemented a platform linking volunteers to NGOs, streamlining opportunity discovery and boosting engagement rates by 60%. [GitHub Link](#) | [Website Link](#)

## PROJECTS

- EcoSphere:** (June 2025 - July 2025) Built a sustainable e-commerce platform with group buying and gamification features, achieving 30% carbon reduction potential, 40% increase in eco-product adoption, and 10K+ annual package waste diversion through innovative circular economy design. Tech: React, Node, MongoDB, Gemini AI. [GitHub Link](#) | [Website Link](#)
- SensAI - AI Career Coach:** (Mar 2025 - Apr 2025) Developed an AI-powered career platform delivering a 95% success rate through industry insights across 50+ sectors, personalized interview prep tips, an ATS-optimized resume builder, and targeted cover letter generation, reducing job application time by 40% and improving interview success rates. Tech: Next.js 15, React 19, Tailwind CSS, Radix UI, Prisma ORM, Google Generative AI (Gemini 1.5), Inngest, Clerk. [GitHub Link](#) | [Website Link](#)
- Welth - AI Finance Platform:** (Feb 2025 - Mar 2025) Architected a secure financial management platform with Arcjet bot protection, processing 10,000+ monthly transactions and providing AI-driven financial insights, automated reports with 95% accuracy, and receipt-scanning that reduced data entry time by 75%. Tech: Next.js, Tailwind CSS, Recharts, Shadcn UI, Prisma ORM, PostgreSQL, Google Gemini API, Inngest, Arcjet bot protection. [GitHub Link](#) | [Website Link](#)
- Deception Detection:** (Jan 2025 - Apr 2025) Reproduced the ACL 2020 Diplomacy deception detection benchmark and introduced GRAPHITE—a novel graph-based BERT-LSTM hybrid model—achieving 88.73% accuracy and 0.2636 Lie F1, outperforming prior models and human baselines. Tech: Python, Pytorch, Transformers. [GitHub Link](#) | [Report Link](#)
- Strength Exercises and Repetition Counting (Machine Learning):** (Oct 2024 - Nov 2024) Engineered an algorithm for classifying strength exercises and counting repetitions using accelerometer and gyroscope data, achieving 99.5% accuracy. Tech: Python, Scikit-learn. [GitHub Link](#) | [Report Link](#)
- Bioactivity Prediction App (Machine Learning, Bioinformatics):** (Apr 2024 - May 2024) Designed a web app for predicting bioactivity against the Acetylcholinesterase enzyme using QSAR and random forest, achieving 86% prediction accuracy. Tech: Streamlit, Python, Scikit-learn. [GitHub Link](#)

## LEADERSHIP & RESPONSIBILITY

- BYLD @ IIIT Delhi Dev Club** Jan 2024 - Present  
*Junior Web Developer*
  - Web Interfaces:** Crafted club event interfaces, boosting visibility & engagement by 25%.
- ESYA @ IIIT Delhi Tech Fest** Aug 2023 - Jan 2024  
*Events Head*
  - Event Coordination:** Led technical events, increasing participation by 30%.

## ACHIEVEMENTS

- Solved **500+** Data Structures problems across platforms like LeetCode ([Link](#)) with a daily streak of **365+** days .
- Ranked in the **top 1.7%** percentile out of 1.5 million candidates in JEE Main 2022.
- Achieved **AIR 925** in KVPY (2020-21) and **Qualified NTSE** (2019-20).
- Secured a position among the **top 100 teams** out of **50000+** teams in Amazon Hackon.