UTKARSH SRIVASTAVA

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EDUCATION

JSS University, Noida - **Bachelor of Technology** in Computer Science & Engineering (Data Science)   Aug 2024 – Aug 2028
- Among the **top 5%** of the batch (**CGPA: 8.85 / 10**)
- **Relevant Coursework:** Data Structures & Algorithms, C++ / C, Database Management Systems, Artificial Intelligence, Data Analytics, Python, Discrete Mathematics, Probability & Statistics, Linear Algebra

TECHNICAL SKILLS

Languages: C++, Python, JavaScript
CS Fundamentals: Data Structures, Algorithms, OOPs
Web & Systems: React, Next.js, Node.js, Express, REST APIs
Databases: MongoDB, MySQL
AI / ML: Machine Learning, NLP, Logistic Regression, YOLOv8, LLM APIs
Libraries & Tools: Pandas, NumPy, Scikit-learn, Git, GitHub, Postman, Vercel, VS Code

EXPERIENCE

StarkSeek   *Noida, India*
Software Engineer Intern   Dec 2024 – Oct 2025
- Built and shipped production-grade web applications with **150+ commits** across multiple releases.
- Engineered RESTful APIs and frontend components, improving performance **~40%** through efficient state management.
- Developed **Hack4Bihar.live**, supporting **25k+** visits and **5k+** registrations, focusing on performance, SEO, and user flow.
- Took ownership of feature development, bug fixes, and technical decisions while collaborating with teams.

Gaurav Go Technologies   *Noida, India*
Game Developer Intern (C++ / Unreal Engine)   Jun 2025 – Jul 2025
- Implemented gameplay logic using **C++** and Unreal Engine Blueprints, focusing on performance and interaction design.
- Collaborated with cross-functional teams to improve UI/UX and player engagement.

PROJECTS

ROOTS – AI-Driven Sustainability Platform | Link | *Next.js, Node.js, MongoDB, YOLOv8*   Aug 2025
- Led **full-stack development** as team lead, building frontend, backend APIs, authentication, and databases.
- Integrated YOLOv8-based computer vision to verify eco-actions with **90%+** accuracy, implementing eco-points and analytics.
- Recognized as **Top 30 globally** at IEEE YESIST12 2025, **Malaysia**, competing among over 3,000 teams.

InnoPlanAI – AI Project Planning Platform | Link | *Next.js, TypeScript, Node.js, PostgreSQL, LLMs APIs*   Oct 2025
- Architected **backend** logic for a **conversational AI system** that converts ideas into structured project plans.
- Designed **multi-agent** prompt workflows and API orchestration; handled core backend independently.
- **Finalist** at HackWithUP Grand Finale, evaluated by mentors and judges.

SMS Spam Detection Using Machine Learning | Link | *Python, NLP, Logistic Regression, Google Collab*   Nov 2025
- Built an end-to-end SMS spam detection system to identify phishing, KYC scams, job/loan frauds, and Hinglish spam.
- Created a **~10k-message dataset** combining real SMS data with modern spam examples and extracted text features.
- Achieved **~99% accuracy** with reliable evaluation using standard metrics and analysis for consistent spam classification

LEADERSHIP & COMMUNITY IMPACT

- **Webmaster**, IEEE JSS University Noida Student Branch | **Student Coordinator**, CSE Technical Council, JSSUN
- **Technical Head**, Entrepreneurship Development Cell (EDC), JSS University.
- Mentored **250+ students**, conducted workshops on LinkedIn, hackathons, and technical growth.
- Founded and led initiatives including university newsletter as creative head and technical societies.

AWARDS & ACHIEVEMENTS

- **Finalist, IEEE YESIST12 2025, Malaysia** (**Top 30 / 3000+ teams**, Global). - *Certificate*
- **Top 5**, Convergex Hackathon 2024 | **Top 10**, BizTech Ideathon (NDIM) | **Finalist**, HackWithUP Grand Finale
- **1st Prize**: Project Presentation - IEEE JSS Noida | **2nd Place**, Poster Presentation (JSS University)
- Ranked ~2000 / 10,000+ teams in IEEE Xtreme 19.0 (Global Coding Contest)
- Active GitHub contributor (**280+ contributions**); **Top 5%** LinkedIn members by reach and engagement.