





# Balvinder Singh

 [balvind3r](#)  [balvinder.co](#)  [balvind3rsingh](#)  [balvinders.pro@gmail.com](mailto:balvinders.pro@gmail.com)

## EDUCATION

**Netaji Subhas University of Technology**

June 2025

*B. Tech in Computer Science with Specialisation in AI*

**Courses:** Data Structures & Algorithms, Discrete Math,  
Web-Development, Probability & Statistics, Object-Oriented Programming

## WORK EXPERIENCE

**Mahindra Logistics** | *SDE Intern*

Feb. 2024 – April 2024

- Completely revamped LogiPulse - Mahindra's KPI monitoring software for warehouses
- Developed user-friendly frontend using modern frameworks
- Implemented industry-level practices for version control

**SSPS Global Pvt. Ltd.** | *Business Intern — Founder's Office*

June 2023 – July 2023

- Worked alongside the CEO to understand and analyze the company's future prospects
- Analysed company's expenditure to ensure positive cashflows
- Prepared an exhaustive report for future expansions

## SKILLS

**Languages:** C/C++, Python, JavaScript/TypeScript, HTML/CSS,

**Web Development:** React.Js, Next.Js, RTK, TypeScript, ShadCN, Node.Js

**Database Management:** MySQL, MongoDB

**Version Control:** Git, GitHub

## PROJECTS

**Gym-Fyt** | *Next.js, Material-UI, TypeScript, Tailwind* —  Visit Website

- Implemented an application to provide users with a comprehensive resource for finding specific exercises.
- Integrated advanced search functionalities to reduce friction during exercise lookup, enhancing user experience.
- Utilized Tailwind CSS for efficient styling and ensured cross-browser compatibility for seamless accessibility.

**Portfolio Website** | *Next.js, Aceternity UI, TypeScript, Tailwind* —  Visit Website

- Developed a personal portfolio website, focusing on clean design and smooth user interactions.
- Implemented TypeScript for type safety and utilized Tailwind CSS for streamlined styling and responsiveness.
- Deployed the site on Vercel with DNS hosting via Porkbun to ensure fast and reliable performance.

**LogiPulse** | *Next.js, TypeScript, MySQL, Node.js, React* —  Visit Website

- Led the development of LogiPulse, an award-winning application created for the Mahindra Catapult Techathon.
- Designed and implemented a robust workflow optimization tool for MLL Warehouses.
- Adhered to industry-leading coding standards and practices to ensure scalability, maintainability, and performance.

## AWARDS & ACHIEVEMENTS

- Secured first position in Mahindra Logistics Catapult Techathon.
- Among top 30 teams selected for Smart India Hackathon.
- Finalists in HackBVICAM, InnovateX Hackathon, HackNSUT & SRMHacks.

## RESEARCH WORK

**Recreating Squid Games** | *Read Report*

**Detection of IoT Botnet Attacks using Deep Learning** | *Read Report*

## POSITION OF RESPONSIBILITY

- **Head Graphic Designer & Society Outreach** | *e-Cell NSUT*
- **Secretary** | *Finance & Economics Society, NSUT*