

# 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, Compiler Design, Artificial Intelligence, Machine-Learning, Deep-Learning

## WORK EXPERIENCE

---

**Mahindra Logistics** | *SDE Intern*

Feb. 2024 – April 2024

- Completely revamped **LogiPulse - Mahindra's KPI** monitoring software for warehouses
- Developed user-friendly frontend, reducing data-operator's time by **80%** using **efficient keybindings**.
- Utilised **client and server-side rendering** for reduced server load and **optimised state management**.
- Deployed the product on company's custom **CI/CD pipelines** for **version control and real-time debugging**.

## SKILLS

---

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

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

**Database Management:** MySql, MongoDB

**Version Control:** Git, GitHub

## PROJECTS


---

**Seat.io** | *Next.js, TypeScript, XSLX* — Ongoing

- Developing a **seat allocation software** to reduce the overhead of manually generating a seating plan.
- Implemented features for **automating room allocation** based on uploaded data management capabilities such as seat counting, reordering, and duplication.
- Ensured proper **error handling and type safety** when processing and exporting seating plans.

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

- Developed an application to provide users with a **comprehensive resource** for gym equipments and exercises.
- Integrated **API calls** for data fetching and search functionality for faster lookup.
- Utilized Tailwind CSS for **responsive styling and** seamless accessibility.

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

- Developed a personal portfolio website, showcasing **best projects and relevant work-experience**.
- Implemented **TypeScript for type safety** and utilized **Tailwind CSS for responsive designs**.
- Deployed the site on Vercel with **DNS hosting via Porkbun** to ensure fast and reliable 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**.
- Secured **2nd position** in **M&A Masterminds - IIT Delhi**.
- Contingent leader for **eSummit - IITBombay**, secured **8+ prizes**.

## RESEARCH WORK

---

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

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

## POSITION OF RESPONSIBILITY

---

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