


Balvinder Singh

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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**.

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, AceternityUI, Node.js

Database Management: MySQL, MongoDB

Version Control: Git, GitHub

PROJECTS

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

- Developed an application to provide users with a **comprehensive resource** for finding specific exercises.
- Integrated **API calls** for data fetching and search functionality for faster lookup.
- Utilized Tailwind CSS for **responsive styling and ensured cross-browser compatibility** for 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*