Prableen Singh

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EDUCATION

Guru Tegh Bahadur Institute of Technology   Delhi
*Bachelor's in Computer Science and Engineering - **8.1 CGPA***   *2022 – 2026*

WORK EXPERIENCE

Frontend Developer Intern   October 2024 – December 2024
DevNBrand
- Collaborated with a team to engineered 3+ scalable web applications, improving load times by **15%**
- Optimized user experience and ensured **90%** mobile compatibility using React and TailwindCSS.

Web Designer and Developer   September 2024 – December 2024
PayME Fintech Solutions
- Crafted intuitive web interfaces for PAYME Fintech, securing overall user experience
- Streamlined website performance, reducing load times by **10%** and improving responsiveness across devices.

PROJECTS

OptiTrack AI ILMS | *React, Stable Diffusion XL, Gemini, Firebase, Express*   LINK
- Built an AI-driven system, boosting efficiency by **20%** with Google Gemini and NVIDIA tools.
- Automated inventory workflows, improving resource use by **25%**
- Secured user authentication with Clerk.io, enhancing engagement.
- Integrated inventory in real-time with Google Firebase and Sheets.

RBAC Dashboard | *React, Tailwind*   LINK
- Built a scalable RBAC dashboard using React, and TailwindCSS, optimizing user role management.
- Executed role-based permissions, enhancing security and scalability for multi-user environments.
- Designed adaptive layouts, ensuring seamless functionality across desktop, tablet, and mobile screens.

Blind Spot | *Vite+React, Node, Express, MongoDB, Deep Learning, Python*   LINK
- Engineered Blind Spot, a pioneering platform utilizing advanced technologies.
- Empowered individuals with disabilities, including the blind and deaf, improving accessibility for **90%** of users.
- Delivered tailored tools and resources, resulting in a **50%** increase in user retention.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, TypeScript, HTML/CSS
Frameworks: React, Node.js, NEXT, Material-UI, Tailwind
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, Firebase
Design Tools: Adobe Creative Suite (Photoshop, Illustrator, XD), Figma

POSITIONS OF RESPONSIBILITY

HACKGTBIT LEAD   February 2024 – October 2024
IEEE GTBIT SB
- Galvanized teams by analyzing students' capabilities, leading to a **40%** increase in participation.
- Spearheaded a web development team to build web applications, achieving a **30%** reduction in development time.

GENERAL SECRETARY   November 2023 – Present
SWAAS
- Directed a team of **10+** designers to create **40+** engaging social media designs, boosting online engagement by **25%**, while coordinating **30+** members and organizing multiple online and offline events.

ACHIEVEMENTS

- Secured the **First-runner** up title at North India's biggest Hackathon Vihaan007 with over **1300+** participants.
- Earned the **Outstanding Student Volunteer Award** from IEEE Delhi Section Students Network 2023-24 among over **200+** candidates.
- Succesfully completed the **Google Cloud Skills Boost Challenge** and helped resolve doubts of students.