

YASH VASHISHTH

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[in Yash-Vashishth](#)

[Yash](#)

EDUCATION

Maharaja Surajmal Institute of Technology

B.Tech - Electronics and Communication Technology - **CGPA- 8.2**

2023- 2027

Janakpuri West, New Delhi

Delhi Public School R.K. Puram , Delhi

Class XII - **PERCENT- 92.4**

2022-23

R.K. Puram , New Delhi

Delhi Public School R.K. Puram , Delhi

Class X - **PERCENT -94**

2020-21

R.K. Puram , New Delhi

EXPERIENCE

Defence Research and Development Organisation

June 2025 - July 2025

Simmer Research Intern

- **Researched** Deployment of Artillery Observation Post in Mountainous Terrain using Particle Swarm Optimization (PSO).
- Wrote **MATLAB** codes to check for a ideal location of observation post in a generated random terrain.

PROJECTS

Picto-Text

January 2025-February 2025

- SaaS based AI Text-to-Image Generator
- Utilizes MongoDB, Express.js, **React.js** , **Node.js** along with the relevant **API** keys to produce stunning images
- Allows creation of images with ease anytime anywhere

ProDab

February 2025-March 2025

- SaaS based Website builder and Project Management and Dashboard
- Utilizes **Next.js**, Prisma, MySQL and Bun and **Restful API** .
- Allows assigning tasks, editing websites, managing project permissions etc.

Portfolio App

April 2025

- My portfolio design listing my experiences and achievements
- It is a culmination of my experience and a practical demonstration of my skills
- Utilizes **Next.js**, **Tailwind CSS** and Framer Motion

ADDITIONAL INFORMATION

SKILLS : HTML5 , CSS3 , Javascript , **React.js** , **Next.js** , **RESTFUL APIs** , C++ Language (DSA) , MongoDB , Node.js , Express.js , Public Speaking

LANGUAGES : Hindi (Native) , English (Fluent) , Japanese (Informal Level)

Volunteer Work

- **Placement Cell MSIT:** Active Event Management Coordinator
- **Microsoft Student Chapter MSIT :** Active contributor to content creation and web development
- **TARK- The Literature Society :** Create engaging content and visuals for the society
- **NDLI Society :** Deputy head of the Publicity Department and managing the image of society on-campus
- **GIRLSCRIPT SUMMER OF CODE Contributor** for the month of October 2024