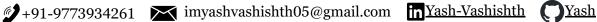
# YASH VASHISHTH







### **EDUCATION**

#### Maharaja Surajmal Institute of Technology

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

Janakpuri West, New Delhi

Delhi Public School R.K. Puram, Delhi

2022-23

Class XII - PERCENT- 92.4

R.K. Puram, New Delhi

Delhi Public School R.K. Puram, Delhi

2020-21

2023-2027

Class X - PERCENT -94

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 (7)

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
- · Allows creation of images with ease anytime anywhere

### ProDab (7)

**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 (7)

**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 oncampus
- GIRLSCRIPT SUMMER OF CODE Contributor for the month of October 2024