SAKSHAM TALWAR

Kumara Park West, Guttahalli, Bengaluru, Karnataka 560020, India
Email: work.sakshamtalwar@gmail.com | Phone: (+91) 7217739614

GitHub:/SakshamTalwarr   LinkedIn:/Saksham-Talwar

SUMMARY:

Passionate Computer Applications student with hands-on experience in software development, web technologies, and IoT-based solutions. Strong communicator with a collaborative mindset, eager to contribute to real-world, scalable, and user-focused software solutions.

-View my live portfolio at *SakshamTalwarr.github.io/Portfolio*

EDUCATION:

- Graduation in Bachelor of Computer Applications (Maharishi Dayanand University, Rohtak) (**73.5%**)   **2022-2025**
- CBSE Class XII   **(69%)**   **2022**
- CBSE Class X   **(67%)**   **2020**

TECHNICAL SKILLS:

Programming Languages:
Java, C++, Python, JavaScript, HTML, CSS
Databases:
MySQL, SQL, Database Design
Frameworks & Libraries:
Apache Tomcat, Bootstrap, JDBC, JSP/Servlets (basic), Hibernate
Operating Systems:
Windows, Linux (basic CLI)

Tools & Platforms:
VS Code, Intelli J, Dev-C++, Eclipse, Git & GitHub, Arduino IDE, Apache Tomcat
Concepts:
OOP, Data Structures & Algorithms, Exception Handling, SDLC
IoT & Hardware:
ESP32, Sensors, Blynk App, Sims
Other Tools:
Microsoft Excel, Power BI

PROFESSIONAL EXPERIENCE & PROJECTS:

- **Pet Shop Website – AbHappyPaws.com -Live Portfolio and updates Website**
  Built a responsive multi-page website for a pet shop using HTML, CSS, and JavaScript. Includes product galleries, category pages, and Google Photos integration.
- **Online Crockery Store – ThePotterPassion.com – Live Online Store**
  Built a Custom Coded Online store with Shopify using liquid, with features: cart, wish-list, order management, custom theme, custom payment page etc.
- **Grocery Inventory Management System -Java Project**
  Java-based web app with JDBC, MySQL, and HTML. Supports CRUD operations, admin dashboard, brand/category filtering, and CSV import/export.
- **Will it Rain on my Parade? – Nasa Project**
  Enter Date and month and get past 20 years stats if it will rain or not on the selected date with visual graphs and related data.
- **Door Unlock via Blynk App – IOT Project**
  Built a remote door access system using ESP32, RFID, Blynk App, and physical switch for multi-mode unlocking.

CERTIFICATIONS:

- **IoT Soil Moisture Sensor Project – *Hackathon Winner***   *~ SGT University (Feb 2024)*
  Developed a smart irrigation system using Arduino and sensors, awarded for innovation and efficiency.

- **J.P. Morgan Software Engineering Virtual Experience**   *~ Forage (July 2024)*

  Gained practical exposure to agile development, Git workflow, and bug fixing through a virtual internship simulation.

- **Certificate in Excel Proficiency & Analytics (CEPA) –**   *~ Anudip Foundation & DPGITM (Dec 2024)*
  Achieved A Grade in the certification and mastered Excel tools for data cleaning, visualization, and basic analytics.

- **Summer Analytics 2025 – *Consulting & Analytics Club***   *~ IIT Guwahati (July 2025)*
  Completed a 6-week case-based program focused on analytics, problem-solving, and data interpretation using real-world datasets.

- **NASA Space App Challenge**   *~ NASA (OCT 2025)*
  Build a web app using java, python and react on "Will it rain on my Parade?"

- **Fundamentals of Java Core & Web Programming –**   *~ Anudip Foundation (Dec 2025)*
  Achieved A+ grade while learning core Java concepts and web development fundamentals.

LEADERSHIP & VOLUNTEERING:

- **Photography and Logistics Coordinator:** Led photography and logistics for college festivals, coordinating a team of 10 members to cover events attended by over 300 students, ensuring smooth operations and high-quality event coverage.
- **Photography Club Leader:** Organized workshops and exhibitions as Photography Club Leader, increasing member engagement by 20%.
- **Literary Club Volunteer Leader:** Led literary events and debates as Literary Club Volunteer Leader, enhancing campus literary culture.
- **Tech Event Organizer:** Organized a BGMI gaming tournament with a team of 5, engaging over 200 participants and enhancing event coordination skills.

LANGUAGES:
Fluent in English, Hindi, and Punjabi, and basic French.

HOBBIES:

Engaging in Technology Projects, Web Development, Photography, Moto rides, and singing.