

Saksham Bhatia

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SKILLS

Languages: C++, Javascript, Python, Java, SQL, HTML, CSS

Technologies: React Js, Node Js, TailwindCSS, Postman, PHP, Tensorflow, GitHub, Google Colab

Algorithms: Machine Learning Algorithms, Data Structures

PROFESSIONAL PROJECTS

JARVIS – YouTube Voice Assistant | [Github](#)

Python | TensorFlow | Keras | OpenCV | SpeechRecognition | MediaPipe

Feb 2025 – Apr 2025

- Engineered a voice- and gesture-controlled assistant for YouTube, automating 10+ key video functions (play, pause, skip, volume, fullscreen) with 95% command execution accuracy in real-time scenarios.
- Achieved 92% model accuracy by training a custom NLP-based intent recognition system using Keras and TensorFlow on a labeled dataset of 1,000+ speech commands.
- Integrated OpenCV and MediaPipe to enable gesture detection with 90% precision across 6 unique gestures, enhancing usability in non-verbal environments.

Green Thumb - Gardening Website | [Prototype](#) [Link](#)

React.js | Node.js | MySQL | TailwindCSS

Aug 2024 – Sep 2024

- Developed a region-specific plant care web platform with personalized tracking, watering schedules, and seasonal tips, enhancing content exploration per session by **2x** during usability testing.
- Engineered a fully responsive, mobile-first UI using TailwindCSS and media queries, earning **85%+ positive feedback** on cross-device layout clarity and usability achieving **95% cross-device responsiveness**.

Sparklog.life | [Prototype](#) [Link](#)

React.js | Node.js | TailwindCSS | Vercel

Nov 2024 – Jan 2025

- Delivered a responsive, client-facing service website with testimonials, inquiry forms, and SEO enhancements; client reported **noticeable improvement** in inquiries and engagement within the first month.
- Implemented Vercel CI/CD for automated deployments and handled environment configurations, reducing update iterations and downtime by **40%**.

PROJECTS

Hostel Allotment System

React.js, C++, MySQL

- Built an automated hostel room allocation portal for 500+ students using C++, React, and MySQL, reducing manual assignment time by **over 50%** in mock trials.
- Optimized database performance using indexed queries and search batching, resulting in **25% faster** response time during high-load simulations.
- Developed an admin dashboard for live vacancy tracking, room conflict resolution, and notifications, improving decision speed and user satisfaction.

Springdale School Website | [Github](#)

React.js, Node.js, HTML, Tailwind CSS

- Built a fully responsive school portal, integrating real-time updates, faculty listings, and inquiry forms; enhanced accessibility and usability based on positive stakeholder feedback.
- Optimized performance with **client-side routing**, reusable components, and state management; boosted navigation efficiency by **30%**.

POSITIONS OF RESPONSIBILITY

Web Developer | Tarunya (Family Clothing Brand) | [Live](#)

- Designed and launched the official e-commerce website using **Shopify**, enabling seamless online shopping.
- Led **end-to-end development**, including theme customization, product catalog setup, and payment integration.
- Crafted brand visuals and optimized site layout for a clean, user-friendly experience across devices

Lead Frontend Developer | Skill Guru Foundation

- Built responsive UIs using **React.js, HTML, and CSS**, enhancing site performance and user engagement.
- Collaborated cross-functionally** with design and backend teams to **enhance website features** and streamlined UI/UX.

Team Leader | Sparklog.life

- Led a team of 5 to **design and deploy frontend architecture**, ensuring alignment with project goals.
- Streamlined workflows and **mentored team members**, delivering a refined product ahead of schedule.

EDUCATION

Bennett University

Bachelor of Technology in Computer Science Engineering

CGPA: 8.47

Noida, Uttar Pradesh

2022 – 2026

Ryan International School (CBSE)

Senior Secondary Education

Percentage: 82.4%

Faridabad, Haryana

2021 - 2022

Secondary

Percentage: 96.4%

2019 - 2020

EXTRA-CURRICULAR

- **Secured 2nd position** in the **Bennett University Football Tournament** during *Sportikon'23*, demonstrating teamwork, strategic play, and athletic excellence.
- **Winner, District Level Football Tournament** representing **Ryan International School**, showcasing leadership and competitive sportsmanship at the school level.

ACHIEVEMENTS

- Awarded with Scientific Inclination Award **at Ryan International School** for exceptional curiosity, analytical thinking, and consistent excellence in science-related activities and projects.
- **Completed a Web Development Internship at Skill Guru Foundation**, gaining hands-on experience in front-end and back-end technologies, contributing to real-time project development, and assisting in front-end modifications and website maintenance.