SAUMYA KUSHWAHA

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EDUCATION

Rama University, Kanpur   Sep 2023-Jul 2027
B.Tech. in Computer Science   CGPA: 9.0/10

TECHNICAL SKILLS

- **Programming Languages:** C, Java, HTML, CSS, JavaScript.
- **Frontend & Frameworks:** React.js, Material UI, Tailwind CSS, Bootstrap.
- **Database & Data Tools:** MySQL, MongoDB.
- **Tools & Platforms:** Git & GitHub, VS Code.

CERTIFICATION

- **ISRO–IIRS:** *AI/ML in Remote Sensing Applications* – Applied ML models on satellite data and insights.
- **GUVI:** *AI/ML Workflows* – Executed RAG-based tools in AI workflows, completed 3 mini-projects.
- **IIT Kharagpur:** *Database Management Systems* – Practiced relational databases and solved 20+ problems.
- **IIT Kharagpur:** *Programming in java* – Strengthened core programming skills with 40+ coding exercises.

PROJECTS

Radiology– Brain Tumor Detection   Sep 2025 - Present
- Built React + MUI frontend and Django backend for 3,000+ MRI images with EfficientNet model integration.
- Team of 6: detected 4 tumor types(Glioma, Meningioma, Pituitary, No Tumor) with **87% accuracy.**
- Created interactive web interface for MRI-based tumor detection with model integration.

PlaComm - Placement Portal for Rama University   Aug 2025 – Oct 2025
- Engineered Placement Coordinator module using React,managing 500+ student applications and job listings.
- Collaborated in a team of 10 to develop a 4-module(Coordinator, Training Officer, Admin, Student).
- Implemented **AI Resume Analyzer** to optimize student application and job tracking through portal.

Data Science Club Web Application   Oct 2025 – Nov 2025
- Developed full web app with Home, Events, Apply, and Admin pages using Convex + MUI.
- Enforced secure admin access with **password-protected dashboard**.
- Managed 200+ student applications, enabling admins to **view, track, and update** applicant status efficiently.

Weather App   Dec 2025 – Jan 2025
- Integrated WeatherAPI to fetch live weather data with real-time updates for 100+ cities.
- Designed an interactive UI using HTML, CSS, JavaScript, improving usability score by 30%.
- Reached 200+ users during testing phase with positive feedback.

INTERNSHIP

Web Development Intern – CodeClause   Feb 2025 – Mar 2025
- Engineered and maintained responsive web applications using HTML, CSS, JavaScript, serving 500+ users.
- Crafted 15+ frontend features and UI enhancements independently.
- Acquired hands-on experience building and deploying 2 web projects successfully.

KEY ACHIEVEMENTS

- Participated in **KodeKalesh-2025 IdeaKode Hackathon (GDG HBTU)** in a team of four; built an Early Disease Forecasting Web App.
- Attended Engineers Conclave, IIT Kanpur (2-day event, 28–29 Oct 2025).
- **Vice Chairperson, Data Science Club** – Coordinated events, workshops, and peer learning sessions.
- Organized the "**Groove Design Giggle**" event on Engineers' Day 2024.