

Saurabh Singh Rautela

+91 8126695190

Email | LinkedIn | GitHub | Portfolio

EDUCATIONAL BACKGROUND

- **MCA (Master of Computer Applications)** – Birla Institute of Applied Sciences, Bhimtal
Uttarakhand Technical University, Dehradun | 2023–2025 | **78.12%**
- **BCA (Bachelor of Computer Applications)** – D.S.B Campus, Nainital
Kumaun University, Nainital | 2020–2023 | **76%**

WORK EXPERIENCE

Intern - QA Automation | SW Engineer

Akitra Inc. | Feb 2025 – July 2025

- Automated web application testing using Selenium WebDriver, Java, and TestNG.
- Wrote and executed test cases for functional and regression testing.
- Developed frontend for the products.

TECHNICAL SKILLS

- **Programming Languages** : JavaScript, Python, Java, C, SQL
- **Front-end Technologies** : React.js, React Native, Tailwind CSS, GSAP, HTML, CSS
- **Back-end Technologies** : Node.js, Express.js, Socket.io, Flask
- **Database Management** : MongoDB, MySQL
- **Testing & Automation**: Selenium, TestNG
- **Tools & Platforms** : Git, GitHub, VSCode, Aws, Jenkins, Docker

SELECTED PROJECTS

- **Air Quality & Weather Forecast (June–Aug 2025)** [GitHub](#)
Developed a full-stack web application as a freelance project to forecast 7-day air quality and weather conditions using AI-powered models. The application provides real-time pollutant predictions, AQI levels, color-coded health warnings, and weather insights based on user location.
Tech Stack: Python, Flask, React.js, Tailwind CSS, Open-Meteo API, TensorFlow
- **AI-Powered E-Learning Platform (Feb–May 2025)** [GitHub](#)
Built a dynamic AI-powered learning platform that enables instructors to create courses, quizzes, and auto-generate certificates upon completion. Implemented user progress tracking and personalized learning experiences.
Tech Stack: React.js, Node.js, Express.js, MongoDB, Gemini API, Cloudinary
- **Job Finder Web App (Oct–Dec 2024)** [GitHub](#)
Developed a Job portal with search, recommendations & recruiter tools. Managed complex state via Redux.
Tech: React.js, Node.js, Express.js, MongoDB

CERTIFICATIONS & ACHIEVEMENTS

- Gold Certificate in Python Fundamentals and ML from **Nasscom**
- SQL, Nodejs Certification from **HackerRank**
- JavaScript Certificate in Machine Learning from **HackerRank**