Akshat Somani

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EDUCATION

B.Tech(Hons)-CSE GLA University, Mathura —**80.7%**	*2023 – 2027*
Intermediate (Class XII) Pramod Inter College, Sahaswan — **87.8%**	*2022–2023*
High School (Class X) Pramod Inter College, Sahaswan — **77.66%**	*2020–2021*

TRAINING EXPERIENCE

Trainee – SkillCred   *June 2024 – July 2024*

- Mastered Python fundamentals and coding best practices.
- Worked with NumPy, Pandas, and data visualization tools. Developed projects, including:
    - ChatBot using Google Gemini.
    - Resume Analyzer with LLMs.
    - Image Description Model using Generative AI.

PROJECTS

Krishi Mitra | *Technologies:* HTML, CSS, JavaScript, XAMPP, PHP, MySQL, Machine Learning
- Built a user-admin website connecting farmers to markets.
- Integrated ML for crop disease detection and real-time price trend predictions.
- Developed Krishi Mitra AI bot for agriculture queries in Hindi and English.

IntelliHealth - AI Diagnosis System | *Technologies:* Python, Streamlit, Generative AI, LLMs, Machine Learning
- Created an AI-enabled app for medical query resolution.
- Integrated ML models for analyzing X-rays, CT Scans, and MRIs.
- Developed a Medical Report Analyzer for diagnostics and recommendations.

Never Hungry - Restaurant Management Website | *Technologies:* HTML, CSS, JavaScript, PHP, XAMPP
- Designed a website for online food sales and table booking.
- Built an admin panel for dynamic category and product management.
- Added email notifications for order and booking updates.

SKILLS

Technical Skills
- Programming Languages: Java, Python,
- Web Development: HTML, CSS, JavaScript
- Concepts & Tools: OOPs, DSA, Operating Systems (OS), DBMS
- Data Analysis & Visualization: EDA, NumPy, Pandas, Matplotlib, Plotly, Power BI
- Frameworks & Technologies: Streamlit, Generative AI, Bootstrap

Professional Skills
- Effective Communication Skills
- Teamwork

CERTIFICATION

- **NEC** – AI Mastery: Unlocking the Power of Artificial Intelligence	*Nov 2024*
- **Infosys Springboard** – Java Programming Fundamentals	*Nov 2024*
- **Intel Unnati** – AI – Advanced Programming	*March 2024*
- **Intel Unnati** – AI Algorithm Development with Python: Essentials & Implementation	*Jan 2024*
- **Coursera** – AI for Everyone	*Jan 2024*
- **Infosys Springboard** – Database and SQL	*May 2024*
- **NEC** – AI Algorithm Development with Python	*Nov 2023*

CO-CURRICULAR ACTIVITIES

- Led the team in RPC 2024, Bengaluru (Rapid Prototyping Camp) with the project IntelliHealth, an AI-enabled diagnosis system.
- Led the team in Technoxian World Cup 2024, Noida with the project Water Rocket, demonstrating engineering concepts.
- Conducted a Case Study on SpaceX with the team, analyzing its innovation strategies, reusable rocket technology, and market disruption in the aerospace sector.