Kalpana Singh

dk71singh@gmail.com |

WORK EXPERIENCE

Cyber Security • Internship   Jun 2025 - Jul 2025
Centre For Development Of Advanced Computing, Noida, Virtual

Built understanding of ethical hacking fundamentals, cybersecurity concepts, and real-world threat landscape
Learnt penetration testing techniques, vulnerability assessment methods, and secure system practices
Conceptualized and practiced ethical hacking workflows aligned with Cyber Gyan project objectives
Drove hands-on virtual internship activities to strengthen cybersecurity skillset and awareness.

EDUCATION

Bachelor of Engineering (B.E), Artificial Intelligence And Data Science   2023 - 2027
Government Engineering College, Rajkot

PORTFOLIO

[GitHub link ↗](GitHub link)

PROJECTS

Saarthi Ai
Jul 2025 - Aug 2025

SarthiAI is a next-generation AI-powered education platform crafted to support school and college learners with an interactive, intelligent, and flexible learning experience. Designed as a digital academic companion, SarthiAI empowers students to learn anything they want, at their own pace, while ensuring clarity, engagement, and academic confidence. The platform integrates powerful AI capabilities with a robust full-stack architecture to deliver personalized learning, instant academic assistance, and structured study support.
Built using stable CSS, JavaScript, and various Python libraries, SarthiAI offers a smooth, responsive, and intuitive user interface that keeps learners focused while delivering performance and reliability. The backend is powered by MongoDB, enabling secure, scalable, and efficient data management for users, their activity, learning progress, and content storage. AI plays the role of the "guide," helping

SKILLS

- HTML
- Social Media Marketing
- React
- Data Analysis
- Web development
- Artificial intelligence
- CSS
- Logo Design
- Node.js
- Machine Learning
- Frontend development
- Vibe Coding
- JavaScript
- Web Design
- MongoDB
- Data Structures
- AI Image Generation
- Effective Communication