Lokesh Sharma

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Location: Kishangarh, Rajasthan, 305801, India

Professional Summary

BCA student and junior full-stack developer with strong passion for cybersecurity, front-end development, and AI-powered automation tools. Proficient in building responsive web interfaces, creating interactive 3D portfolio experiences, and developing browser extensions and voice assistants. Seeking opportunities to contribute to innovative projects while advancing expertise in secure coding practices and web development. Committed to learning from industry professionals and transitioning into a full-stack and security-focused developer role.

Technical Skills

Programming Languages: HTML5, CSS3, JavaScript (ES6+), Python, Next.js

Frontend & Web Design: Responsive web design, CSS animations, 3D web effects, modern UI/UX principles, Spline AI, Dora AI

Development Tools & Platforms: VS Code, Git, GitHub, Amazon Q AI, Chrome DevTools

Domains of Interest: Cybersecurity fundamentals, ethical hacking, OWASP principles, web application security, web vulnerabilities, penetration testing basics

Core Competencies: Problem-solving, debugging, documentation, prompt engineering, API integration, version control, secure coding practices, discrete mathematics, graph theory

Projects & Experience

Personal Portfolio Website

Technologies: HTML5, CSS3, JavaScript, Spline AI, Dora AI | **Link:** github.com/Hackybill

- Designed and developed a professional, black-and-white themed portfolio website with subtle CSS animations and 3D visual effects to showcase projects and skills to recruiters
- Implemented responsive design principles for multi-device compatibility and optimized performance across desktop, tablet, and mobile platforms
- Created clear information architecture with structured sections (About, Skills, Projects, Contact) featuring interactive CTAs such as "Download Resume" and "Contact Me"
- Integrated modern CSS techniques including flexbox, grid layouts, and keyframe animations for smooth, engaging user experience

- Hosted on GitHub with clean repository documentation and version control practices

Browser Extension Projects

Technologies: JavaScript, HTML5, CSS3, Chrome API, Web Storage

- Built multiple experimental browser extensions designed to enhance developer productivity and streamline learning workflows
- Implemented core features including quick-access tools, automation helpers, and intelligent shortcut systems using Chrome extension APIs
- Managed project lifecycle including packaging, testing, permissions management, and GitHub publication
- Gained in-depth understanding of browser APIs, manifest configurations, and extension architecture best practices
- Focused on creating intuitive user interfaces and delivering seamless developer experience

AI Voice Assistant Application

Technologies: Python, JavaScript, REST APIs, LLM Integration, Amazon Q

- Developed an intelligent voice assistant prototype capable of receiving voice commands and processing natural language queries
- Integrated advanced AI/LLM APIs (including Amazon Q) to generate context-aware responses for development assistance and information retrieval
- Implemented voice recognition features and natural language processing pipelines to enhance user interaction quality
- Applied prompt engineering techniques to optimize AI responses and create more intelligent, contextual conversational flows
- Experimented with voice-to-text conversion and real-time response generation

Education

Bachelor of Computer Applications (BCA)

Mohan Lal Sukhadia University (MDSU), Udaipur, Rajasthan
Expected Graduation: 2027

Relevant Coursework: Data Structures and Algorithms, Web Development Fundamentals, Discrete Mathematics, Computer Networks, Operating Systems, Object-Oriented Programming, Database Management Systems

Academic Focus Areas: Cybersecurity and ethical hacking, web application security, secure coding practices, graph theory and advanced algorithms, system design principles

Cybersecurity & Specialized Learning

- **Security Fundamentals:** Self-directed study in ethical hacking, basic penetration testing methodologies, web vulnerability identification and exploitation
- **Web Security:** OWASP Top 10 vulnerabilities, XSS prevention, SQL injection concepts, secure authentication practices, secure session management
- **Hands-on Labs:** Active participation in cybersecurity labs and challenges on platforms like HackTheBox, exploring real-world security scenarios
- **Secure Development:** Focus on implementing secure coding practices, input validation, output encoding, and defense-in-depth principles
- **Continuous Learning:** Regular engagement with cybersecurity documentation, tutorials, and industry best practices

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AI & Automation Tools Expertise

- **Amazon Q:** Proficient in leveraging Amazon Q for intelligent code generation, debugging assistance, and development workflow optimization within VS Code
- **AI Design Tools:** Hands-on experience with Spline AI for 3D modeling and interactive design, and Dora AI for rapid prototype generation
- **Prompt Engineering:** Skilled in crafting effective prompts for AI models to generate high-quality code, designs, and creative solutions
- **Integration & Automation:** Experience integrating AI tools into development pipelines to accelerate project timelines and improve code quality

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Additional Skills & Interests

- **3D Web Design:** Exploring advanced 3D structures, animations, and interactive experiences on the web using modern frameworks
- **Open Source Contribution:** Interested in contributing to open-source cybersecurity tools and web development projects
- **Linux & Command Line:** Basic Linux system administration, shell scripting, and command-line development workflows
- **Version Control:** Proficient with Git and GitHub for collaborative development, code review, and project management

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References and detailed project demonstrations available upon request