

# ISHA

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## Summary

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**Full Stack Developer** with hands-on experience in designing, developing, and deploying scalable web applications using the MERN stack. Proficient in building secure APIs, optimizing performance, and implementing responsive UIs. Adept at problem-solving, debugging, and delivering user-focused solutions aligned with business goals.

## Education

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**Deenbandhu Chhotu Ram University of Science and Technology,Haryana**

**2022 - 2026**

*Bachelor of Technology in Computer Science Engineering*

*Sonipat, Murthal,Haryana*

**DAV Centenary Public School**

**2021 - 2022**

*Class XII (PCM) - 94.8 %*

*Sirsa, Haryana*

## Experience

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**Virtual Intern -CDAC Noida**

**July 2024 - Sep 2024**

- Conducted penetration testing on web applications and networks to identify and mitigate vulnerabilities.
- Utilized tools like Wireshark, Nmap, and Metasploit for network scanning and vulnerability assessment, leading to a 20% improvement in network security protocols.
- Performed ethical hacking techniques, including Google Dorks and keylogging, to simulate real-world threats.
- Gained hands-on experience in cyber threat detection and mitigation strategies.

## Projects

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**AI-Recommendation (Vibely) | Tech Stack: MERN, Gemini API, Hugging Face API, Spotify API**

**August 2025**

- Developed an AI-driven platform that generates Instagram bios, captions, and song suggestions by analyzing uploaded photos, leading to a 40% increase in user engagement.
- Integrated Gemini and Hugging Face APIs for NLP and vision analysis, and Spotify API for personalized song recommendations.
- Live: [Vibely](#) GitHub:[Vibely](#)

**Expense Tracker Website | Tech Stack: MERN, JWT, Chart.js, Bootstrap**

**May 2025**

- Developed full-stack Expense Management Platform with JWT authentication.
- Integrated data visualization (Pie, Line, Bar charts) using Chart.js for spending insights.
- Built export functionality to CSV and PDF formats and enabled recurring expenses, improving user experience by 25%.
- Enabled notifications and email reminders for budget limits.
- Implemented budget tracking with 80% and 100% alerts.
- Live: [Expense-Tracker](#) Github: [Expense-Tracker](#)

**E-Commerce Website (Shopmate) | Tech Stack: MERN, JWT, REST APIs, Cloudinary**

**November 2024**

- Built a responsive MERN e-commerce platform, boosting page load speed by 30% with Cloudinary.
- Secured the app using JWT + RBAC, cutting unauthorized access by 50%.
- Developed a real-time cart order system with MongoDB for seamless user experience.
- Delivered an admin dashboard RESTful APIs for efficient product and order management.
- Live: [Shopmate](#) GitHub:[Shopmate](#)

## Technical Skills

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**Languages:** C,C++,JavaScript,SQL

**Developer Tools:** VS Code,GitHub, Google Cloud Platform

**Technologies/Frameworks:** HTML, CSS, Bootstrap, Redux, React.js,Node.js, Express.js, RESTful APIs

**Database:** MongoDB,MySQL,Redis

## Soft Skills

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**Leadership, Problem-Solving, Communication, Attention to Detail**

## Achievements

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- Solved 600+ coding questions on data structures and algorithms(DSA) on [Leetcode](#).
- [HP LIFE Certification](#) – Competency-based training in Effective Presentations and AI for Beginners, covering AI concepts, ethical considerations, and professional communication strategies.
- Successfully completed the Excel for Beginners Course from Great Learning.
- Completed the Google Cloud Engineering learning pathway.
- Carrier Essentials in Generative AI by Microsoft and LinkedIn.[Certificate](#)