

# JHANVI

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## OBJECTIVE

Computer Science Graduate with hands-on experience in cyber security, Java, and full-stack development. Passionate about building secure, scalable web applications and solving real-world tech challenges. Eager to contribute to innovative software and security projects in a fast-paced, growth-oriented environment.

## TECHNICAL SKILLS

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| <ul style="list-style-type: none"><li>• Java</li><li>• HTML</li><li>• CSS</li><li>• JavaScript</li><li>• React</li></ul> | <ul style="list-style-type: none"><li>• Cybersecurity</li><li>• Log Inspection</li><li>• MongoDB</li><li>• Express.js</li><li>• Node.js</li></ul> |
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## PROJECTS

### StegaCrypt (<https://github.com/jhanvidhawan/StegaCrypt-Steganography-desktop-Application>)

- Built a steganography desktop app using PySide6 that allows hiding and revealing of both text and files within images.
- Integrated AES encryption with user-defined passwords for secure message embedding.
- Designed a compact and intuitive interface, incorporating file-saving features and showcasing knowledge in data security and cryptography.

### Work Wave

- Developed a HR Management System using the MERN stack (MongoDB, Express.js, React.js, Node.js), enhancing employee management and leave tracking.
- User-friendly interface using React.js, backend functionality with Express.js, optimizing CRUD operations and user authentication.
- Developed RESTful APIs for seamless frontend-backend communication, and employed Redux for state management, ensuring a responsive and scalable user experience.

### 3D Solar System Simulation (<https://jhanvidhawan.github.io/3D-Solar-System/>)

- Developed an interactive 3D model of the solar system using Three.js, simulating realistic planetary orbits and lighting.
- Implemented pause/resume controls, speed adjustment, and additional features like background stars and tooltips for better UX.
- Designed with mobile responsiveness and performance optimization in mind, showcasing strong frontend and creative coding skills.

### Insight Hub

- Developed a Learning Management System using Mern stack (MongoDB, Express.js, React.js, Node.js).
- Designed to facilitate seamless learning experiences for students while providing administrators with the tools to manage courses efficiently and includes video lecture modules.
- Implemented secure user authentication with JWT (JSON Web Tokens) for both students and administrators and OTP-based email verification and password reset functionalities to enhance account security

## ACHIEVEMENTS

- **Deloitte Australia Cyber Job Simulation on Forage - June 2025:** Completed a job simulation involving reading web activity logs, supported a client in a cyber security breach, answered questions to identify suspicious user activity.
- **NPTEL Software Testing Exam:** Earned a cash reward for outstanding performance in NPTEL Software Testing Course, demonstrating understanding of software testing basic concepts.

## CERTIFICATIONS

- Coursera: Web Development
- Software Testing: NPTEL
- JavaScript Essentials: Cisco Networking Academy
- UX Design: Google

## EDUCATION

Chitkara University - Bachelor of Engineering Computer Science Engineering, CGPA: 8.56	Rajpura, Punjab 2021-2025
Spring Dale Senior School (CBSE) Class: 12, 83.8%	Amritsar, Punjab 2020-2021
Spring Dale Senior School (CBSE) Class: 10, 88%	Amritsar, Punjab 2018-2019