Levanssh Kansal

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EDUCATION

Indian Institute of Information Technology Una   Una, Himachal Pradesh
B.Tech. in Electronics and Communication Engineering (CGPA: 7.5 / 10.00)   2022-2026

SSD Krishna Vatika School, Bathinda   Bathinda, Punjab
Class XII PCM (92%).   2020-2022

PROJECTS

Connexus | *Full-Stack Web Development, HTML, CSS, Javascript, NodeJS, MySQL*   **[GitHub Link]**
- A web application connecting influencers with business owners for product and service promotion.
- Designed dashboards for influencers and brand owners, with advanced search filters.
- Delivered a user-engaging **interface** with a **15% reduction** in **load time**.
- Implemented a secure admin panel to monitor and block malicious users.

Securo Serve | *Arduino, Raspberry Pi, Python, IoT, Embedded Systems*   **[GitHub Link]**
- Developed a home security system integrating Arduino and Raspberry Pi for real-time monitoring.
- Implemented intrusion detection using ultrasonic sensors, smoke detection with MQ-2 sensors, and fire detection using temperature sensors.
- Created an email alert system to notify homeowners of potential threats.
- Optimized sensor integration and communication, **reducing false alarms by 25%**.

TECHNICAL SKILLS

- **Coding Profile** : Codolio
- **Database System**: SQL, MongoDB
- **Languages**: C/C++, Java, Javascript, VHDL
- **Operating Systems**: Windows, Linux
- **Technologies**: Java App Development, Full Stack Web Development
- **Tools and IDE**: VSCode, IntelliJ, MySQL Workbench, Cisco Packet Tracer, Vivado, CST Studio Suite, Matlab

TRAINING AND CERTIFICATES

Java Training   **[Certificate]**
- Completed JAVA training, covering 20+ core concepts, under the guidance of Rajesh Bansal, author of Real JAVA.
- Gained in-depth knowledge of core JAVA concepts, including Polymorphic Arguments and Return, Composition and Aggregation, Exception Handling, File Handling, and Polymorphism, along with JAVA program execution and memory management.

NodeJS Training   **[Certificate]**
- Completed NodeJS training under the guidance of Rajesh Bansal, author of Real JAVA.
- Gained knowledge of HTML5, CSS, and JavaScript along with jQuery and Bootstrap. Developed the backend using NodeJS and managed the database using MySQL Workbench.

ACCOMPLISHMENTS

- **2 Times Gold Medallist** in **Yalgaar**, Kabaddi Tournament, competing against 15+ teams.
- **Finalist** of AI/ML Quiz **ElectriQ**, among 50+ participants, held at **IIIT UNA**.

POSITIONS OF RESPONSIBILITY

- Front-end coordinator of Web-Development team of the Technical club **AAVESH**.
- Coordinated **MERAKI-2023** with 15+ senior coordinators, which drew 500+ participation.
- Former member of **E-Cell**, IIIT UNA.