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|  |  | **Rudraksh** | | | 9354712773 •  rudrakshsachdeva8@gmail.com •  linkedin.com/www.linkedin.com/in/rudraksh-sachdeva-a35179326 • |  |  |
|  | Student | | |
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|  | **OBJECTIVE** | |  | | | | |
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|  | Enthusiastic and motivated B. Tech Computer Science student with a strong foundation in programming, data structures, and problem-solving. Passionate about AI, software development, and smart city solutions. Seeking opportunities to apply technical skills in real-world projects, internships, or research. Eager to learn, collaborate, and contribute to innovative solutions in technology-driven environments. | | | | | | |
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|  | **PROFESSIONAL EXPERIENCE** | | |  | | | |
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|  | **Hackathons & Projects**  🔹 **Traffic Optimizer App** *(Ongoing)*   * Developing a smart traffic management system to reduce congestion and improve air quality. * Implementing AI-driven route optimization and emergency vehicle prioritization. * Integrating real-time data from OpenStreetMap, TensorFlow, Firebase, and cloud platforms.   🔹 **Emergency Response System** *(Hackathon Project)*   * Designed an AI-powered system to **automate emergency response and optimize ambulance dispatch**. * Developed an algorithm prioritizing **ambulance deployment based on proximity rather than severity** for faster response times. * Implemented **real-time accident detection and automatic alerts** for authorities and emergency services. * Technologies used: **Python, AI/ML, Geospatial Mapping (QGIS/ArcGIS), Firebase, Google Cloud**.      |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | | | | | | **EDUCATION** |  |  | **ADDITIONAL SKILLS** |  | |  |  | |  | |  |  | | | **IILM University, Gurugram, Haryana**  *Bachelor of technology in computer science, June 2028* | |  | • **Programming Languages:** C, Python, Java, JavaScript   * **Web Development:** HTML, CSS * **Data Structures & Algorithms (DSA):** C, Java * **AI & Machine Learning:** Basic AI/ML concepts, TensorFlow | | | | | | | | |