OM KOTHARI

Student
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Location: Dehradun, Uttarakhand

SUMMARY

Developer with hands-on experience in Java, C, and web technologies. Built full-stack applications using React.js, Node.js, and MongoDB. Emphasizes clean code, responsive design, and functional implementations.

EDUCATION

Bachelor of Technology (B. Tech) – Computer Science Engineering
Uttaranchal University, Dehradun
Sep 2022 – Jun 2025

- **CGPA**: 8.11/10

Diploma – Electronics Engineering
Government Polytechnic Pitthuwala, Dehradun
Jul 2019 – Jul 2022

- **Percentage**: 73.97%

SKILLS

Languages: Java, C, JavaScript, HTML, CSS
Frontend: React.js, Tailwind, GSAP
Backend: Node.js, Express.js
Database & Tools: MongoDB, Git, VS Code

PROJECTS

Smart Automation | 06/2023
Developed a temperature-controlled HVAC system using sensors, reducing energy consumption by 15%.
• Automated climate control through real-time input.
• Increased efficiency in managing indoor environments.

Shape Snap | 06/2024
Created a machine vision system using Raspberry Pi and ML to trace geometric shapes in real time from a 300+ image dataset.
• Applied to scenarios in agriculture, surveillance, and automation.

Premier Website UI Recreation | 10/2024
Built a responsive interface inspired by the "Premier" website using HTML and CSS.
• Focused on semantic structure and precise layout styling using modern CSS.

We Think Elastic Website UI | 11/2024
Developed a responsive version of the "WE THINK ELASTIC" site using HTML, CSS, and JavaScript.
• Integrated animations with GSAP and Locomotive Scroll.
• Ensured performance optimization and browser compatibility.

SkepVision Website | 07/2025
Developed the official website for SkepVision, a startup offering client-focused business services.
• Built a responsive single-page application using React.js and component-based architecture.
• Integrated routing, smooth scrolling, and form handling.
• Collaborated with the founder to match UI/UX with brand goals.

EXPERIENCE

Intern – Embedded Systems & Computer Vision
Uttaranchal University – Dehradun, India | Jun 2023 – Jul 2023
Designed a temperature-based automation system to control fan and AC using sensors, reducing HVAC energy usage by 15%.
View Certificate

Intern – Embedded Systems & Computer Vision
Uttaranchal University – Dehradun, India | Jun 2024 – Jul 2024
Built a shape recognition system using Raspberry Pi and ML, integrated with a robotic arm for real-time geometric tracing. Explored use cases in agriculture, surveillance, and automation.
View Certificate

Intern – Java & DSA | Uttaranchal University – Dehradun, India | Jun 2024 – Jul 2024
Trained in Java fundamentals and applied data structure and algorithm concepts through hands-on problem solving.
View Certificate

Certifications

- Embedded Systems – Uttaranchal University
- Computer Vision & Automation – Uttaranchal University
- Java & DSA Training – S&S Think Hub