

# ASMI WALIA

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## Education

<b>Vellore Institute of Technology, India</b> <i>B.Tech in Computer Science and Engineering</i>	<b>Sep 2022 – May 2026</b> <i>CGPA: 8.51</i>
<b>Army Public School Kaluchak, Jammu</b> <i>Senior Secondary – 12th Grade</i>	<b>Apr 2021 – July 2022</b> <i>Percentage: 90.8%</i>
<b>Army Public School Kaluchak, Jammu</b> <i>Higher Secondary – 10th Grade</i>	<b>Apr 2019 – July 2020</b> <i>Percentage: 91.8%</i>

## Technical Skills

- Languages/Frameworks:** React, JavaScript, TypeScript, Node.js, Express, C++, Vite, Tailwind CSS, Framer Motion, Shadcn UI, Zustand, TanStack Query, MongoDB, SQL, Axios, JWT, REST API, Azure.

## Internship

<b>Uma Agro – Frontend Developer</b> <i>(React, Tailwind CSS, Node, JavaScript)</i>	<b>Oct 2024 – Dec 2024</b>
<ul style="list-style-type: none"><li>Engineered and launched the company website using React.js and Tailwind CSS, achieving improved responsiveness, accessibility, SEO performance, and significantly faster loading speeds for enhanced user experience.</li><li>Optimized web performance by 30% using code-splitting and lazy loading, enhancing user experience.</li></ul>	

  

<b>WebsCraftMedia – Web Developer</b> <i>(React, Tailwind CSS, Node, JavaScript)</i>	<b>Feb 2024 – May 2024</b>
<ul style="list-style-type: none"><li>Built responsive web interfaces for 5+ enterprise clients through collaboration with product, UX, and engineering teams.</li><li>Evaluated and enhanced 10+ UI modules for branding, accessibility, and performance adherence.</li></ul>	

## Projects

<b>Doctor Dhundo   Doctor Web Platform   Link   GitHub</b> <i>(MongoDB, Express.js, React.js, Node.js, JWT Authentication, RESTful APIs)</i>	<ul style="list-style-type: none"><li>Built and deployed a scalable MERN appointment system supporting seamless patient booking, efficient doctor scheduling, and secure admin control for 50+ healthcare providers nationwide.</li><li>Added JWT-based authentication for 3 user roles and real-time dashboards, managing 500+ daily appointments.</li></ul>
<b>AI Job Matcher   Job Portal Dashboard   Link   GitHub</b> <i>(React.js, Node.js, Express.js, MongoDB, Cohere AI, JWT, Tailwind CSS)</i>	<ul style="list-style-type: none"><li>Built a MERN portal using Cohere embeddings for matching, serving 5,000+ users with tailored recommendations.</li><li>Configured a semantic search engine using Cohere's model with filters by industry and location, handling 5,000+ listings.</li></ul>
<b>Shopease   Shopping Web Dashboard   Link   GitHub</b> <i>(React.js, Node.js, Express.js, MongoDB, Tailwind CSS)</i>	<ul style="list-style-type: none"><li>Designed and deployed a full-stack clothing e-commerce platform with dedicated admin and frontend panels and modular backend systems for seamless product and order management, enhancing user experience and efficiency.</li><li>Integrated secure payment workflows and role-based access, ensuring safe transactions while reducing checkout friction.</li></ul>

## Achievements & Extracurricular

- Research Paper Accepted: “An Offline Packaged RAG AI Assistant” — accepted at the 2025 IEEE International Conference on Decision Aid Sciences and Applications (DASA’25).
- NCC A (2019) & B (2022) Certificate Holder
- Best Shooter Award – Annual Training Camp (2022)
- Governor Awardee – Scouts and Guides (2020)
- Technical Lead, Metaversity Club – Increased member engagement by 50% through AR/VR learning initiatives.
- Coordinated Advitya 2024 & 2025 – organized events for 2,000+ attendees, increasing participation by 25%.