

# HITAISHI LOHTIA

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## PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience in MERN stack and AI-integrated applications. Strong foundation in Data Structures, Object-Oriented Programming, DBMS, and Software Engineering principles. Experienced in building scalable RESTful APIs, AI-assisted platforms, and full-stack systems with real-world deployment exposure. Proven leadership through technical event organization, volunteering, and cross-functional collaboration.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, Python

**Frontend:** React.js, HTML, CSS, Tailwind CSS, Bootstrap

**Backend:** Node.js, Express.js, RESTful APIs

**Databases:** MongoDB, MySQL

**AI & Automation:** LangChain, LangFlow, n8n, AI API Integration

**Core CS:** Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, SDLC

**Tools:** Git, GitHub, Postman

## EDUCATION

### Bachelor of Technology – Electronics and Communication Engineering

2022 – Present

Guru Nanak Dev University, Amritsar

CGPA: 6.42

## PROJECTS

### MindSync – AI Neuro-Productivity System (MERN + AI)

GitHub

- Built an AI-driven productivity platform analyzing cognitive and emotional states using sentiment-based signals
- Developed scalable MERN backend, REST APIs, authentication modules, and structured data pipelines
- Focused on modular architecture, performance optimization, and real-world usability

### AI-Integrated E-Commerce Platform (MERN)

GitHub

- Developed a full-stack e-commerce application with secure authentication, product management, and database integration
- Integrated AI-assisted features for smart support, search handling, and enhanced user interaction
- Implemented RESTful APIs and scalable frontend-backend communication

### DIECAI – International Conference Website

Live

- Designed and deployed the official website for an international academic conference
- Collaborated with organizing committees to ensure reliability, accessibility, and smooth registration flow

## EXPERIENCE

### Software Development Intern

2024

CACMS

- Built CRUD-based web applications using REST APIs and database integration
- Collaborated with senior developers to implement scalable and maintainable features

### Web Developer

2023

Virtual Mind Media

- Delivered full-stack web solutions using JavaScript and Node.js for client-facing projects

## LEADERSHIP & ACHIEVEMENTS

Hospitality Head – Department Technical & Cultural Events (2024); Organizer & Volunteer – International Conference (DIECAI), contributing to operations and website development.

Top 5 Finalist – HackerWrath National Hackathon    1st Prize – College Fest Web Platform Development    Second

Runner-Up – Engineering Design Contest

## CAREER OBJECTIVE

Aspiring Software Engineer seeking opportunities to contribute to scalable, real-world systems while continuously strengthening technical and leadership skills.