

LISHIKA

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Education

Thapar Institute of Engineering and Technology

Jun 2026

B.E. Computer Engineering

Current CGPA: 9.39/10

Relevant Coursework

- Data Structures
- Data Science
- Operating Systems
- Database Management
- Artificial Intelligence
- Software Engineering
- Object Oriented Prog.
- Computer Networks

Experience

Veridical Technologies

Jun-Aug 2025

Software Engineer Intern

Hybrid

- Led a team of 5 to build a scalable IELTS testing platform using React.js, Node.js, and MongoDB. Parsed PDF-based test content into structured database entries, enabling delivery to 5K+ users.
- Developed RESTful APIs for dynamic question rendering, response capture, and real-time evaluation. Optimized backend workflows to support reliable performance and scalability for a growing user base.
- Designed responsive UI components including timers, question palettes, and writing editors. Focused on intuitive UX to deliver an engaging and accessible experience for test-takers.

Talkeys

August 2025

Full stack Developer Intern

Remote

- Contributed to backend development of a community-driven event hosting and ticketing platform using Node.js and MongoDB, focusing on building scalable and maintainable server-side architecture.
- Designed and implemented RESTful APIs for key functionalities including event creation, user role management (organizers, attendees, admins), and pass generation (QR-coded or digital passes).

Projects

ClauseCraft | CrewAI,RAG,Streamlit,Tavily,Vectordb

June 2025

- Utilizes advanced AI algorithms to understand and accurately classify a wide range of legal issues based on user input.
- Employs natural language processing to efficiently research relevant legal sections, statutes, and precedent cases.
- Automatically generates tailored legal documents such as contracts, agreements, and petitions using generative AI technology.

AgroVision | Python,TensorFlow,CNN,Docker

January 2025

- Developed a deep learning model using Convolutional Neural Networks (CNN) to accurately classify plant diseases from leaf images.
- Created an end-to-end pipeline that includes data preprocessing, model training, evaluation, and prediction.
- Aimed at helping farmers and agricultural professionals detect diseases early for timely intervention and crop health management.

CampusCart | React, Node.js, Express.js, MongoDB,

November 2024

- Built a campus-exclusive marketplace using React, Node.js, and MongoDB, enabling students to list and search items easily.
- Conducted thorough testing of backend endpoints to ensure reliable and secure data handling across the platform.

Technical Skills

Languages: C, C++, Python, Java, JavaScript, HTML, CSS,R

Databases:MySQL, MongoDB,Vectordb

Developer Tools: Git/GitHub, VS Code,Linux, Postman,OpenAI API,Docker

Technologies/Frameworks: React.js, Node.js, CrewAI, PyTorch, TensorFlow

Achievements and Awards

- * Recieved Scholarship on merit based for six consecutive semesters
- * Co-developed official website of Rotaract,TIET with a 5-member team.
- * Worked in the management and marketing team of large scale events like Climathon(first ever sustainability development marathon in Patiala) and blood donation camp in Rotaract Club of TIET.
- * Competed in J.P. Morgan Chase's Code For Good Hackathon, Mumbai 2024.