

YASHIKA BHANDARI

LinkedIn | Leetcode | GFG | Codeforces | HackerRank

EDUCATION

Lovely Professional University, Phagwara, India

Aug 2022 – Aug 2026

B.Tech, Computer Science and Engineering — GPA: 7.5

Relevant Coursework: OOP, AI and Machine Learning, C++, Data Structures and Algorithms, DBMS

EXPERIENCE

Sheshya, Backend Developer

June 2024 – Aug 2024

- Engineered a custom school app, improving user registration efficiency by **30%**, managing user accounts, data storage, and secure access
- Spearheaded backend architecture, optimizing database interactions by **20%** and reducing data retrieval time
- Engaged with product managers, designers, and software developers to align on user requirements; facilitated discussions that directly contributed to a **30% increase in app usability** based on end-user feedback
- Tech Stack:** Node.js, Express.js, MongoDB

PROJECTS

Twitter Sentiment Analysis

Sept 2024

Tools: Python, NumPy, Pandas, NLTK, Scikit-learn, Kaggle API

- Developed a sentiment analysis model using a dataset of 1.5 million tweets, achieving **79% accuracy**
- Enhanced text data processing efficiency using advanced feature extraction techniques, reducing processing time by **20%**

Movie Recommendation System using ML

Nov 2024

Tools: Python, Pandas, Scikit-learn, TensorFlow

- Developed a **collaborative filtering-based** recommendation system for movies
- Implemented **content-based filtering and hybrid models** to improve user suggestions
- Achieved **85% recommendation accuracy** based on user preferences

AI Trip Planner — MERN Stack

June 2024

Tools: MongoDB, Express.js, React.js, Node.js, AI APIs

- Engineered an AI-driven trip planner, providing **personalized travel recommendations** for **1,000+ users**, improving trip satisfaction by **25%**
- Optimized backend services using Node.js and Express.js, reducing response times by **30%**

SKILLS

- Languages:** C++, JavaScript, Python
- Frameworks:** HTML and CSS, Bootstrap, NodeJS, React
- Tools/Platforms:** MySQL, MongoDB, GitHub, MS Excel
- Data Science & ML:** Data Analysis, NLP, Machine Learning Algorithms, TensorFlow, Scikit-learn
- Soft Skills:** Problem-Solving Skills, Project Management, Adaptability

EXTRACURRICULAR ACTIVITIES

- Led community outreach programs as an **NSS volunteer**, managing project timelines and increasing community participation by **25%**
- Organized coding **competitions and workshops**, resulting in **30% increased participation**

CERTIFICATIONS

- Generative AI Primer, **Full Stack** Development with AI Integration, Data Structures and Algorithms

ACHIEVEMENTS

- Secured **2nd Runner-Up** position in Webathon Competition at the university level
- Shortlisted among **200 participants** in Amazon ML Challenge 2024