

Utkarsh Tiwari

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SKILLS

- Technologies/Frameworks: MongoDB, React, Node.js, Tailwind, Bootstrap, Express, Power BI , Microsoft-Excel
- Languages: C++, C, Java, JavaScript, Python, SQL
- Tools: Git/GitHub, Postman, Visual Editor, Eclipse
- Soft Skills: Leadership, Communication, Flexibility, Creativity, Multitasking.

TRAINING & INTERNSHIP

Full-Stack Development Using MERN Stack

May '24-July '24

Cipher School (Training)

- Programmed a responsive MERN stack platform. Utilized MongoDB for structured data storage, enhancing query efficiency by 45%.
- Installed JWT-based authentication, ensuring data security and user privacy..
- Assembled an intuitive UI to efficiently create, edit, delete, and manage notes.
- **Tech stacks used:** React.js , Node.js, Express, MongoDB.

PROJECTS

• Travel Budget Website

Mar '25 – Apr '25

- Created a responsive web app for travel budget planning using Laravel.. Built dynamic forms to streamline trip data entry. Enabled users to input destinations, dates, and expenses to auto-generate trip budgets.
- Integrated user authentication for secure access and personalized planning. Implemented **live cost summaries** to enhance financial decision-making.
- **Tech :** PHP, Laravel, HTML, CSS, JavaScript, MySQL.

• AI-Safety Dashboard

Feb '25 – Mar '25

- Built a comprehensive AI-Safety Dashboard to monitor, evaluate, and visualize safety metrics of AI/LLM systems in real-time.
- Integrated real-time analysis of over 1,000 AI-generated responses to flag potential issues such as bias, hallucination, and offensive content.
- Applied basic machine learning techniques/prompt evaluation methods to detect harmful or inappropriate outputs in generative AI models.
- **Tech :** React.js, Node.js, Firebase, OpenAI API, JWT Auth, REST API.

• AviaTours :Tour & Travel Website

Dec '24 – Jan '24

- Launched a MERN stack platform for tour planning and booking, increasing user engagement. Streamlined link generation via efficient API integration and a smooth database interface.
- Made a user-friendly interface, allowing seamless browsing, booking, and customization of tour packages. Deployed on a paid domain, generating consistent revenue from bookings.
- **Tech :** React,.js, Node.js, MongoDB, REST API.

• Zomato Data Insights Dashboard

Nov '24 – Dec '24

- Designed and Crafted an interactive Power BI dashboard on dummy data to analyze Zomato restaurant data. .
- Utilized Power BI to visualize key metrics such as customer ratings, order trends, and location-based insights.
- Configured dynamic filtering , drill-downs, and slicers for intuitive data exploration.
- **Tech :** Power-BI, Power-BI DAX .

ACHIEVEMENTS

- Volunteered LPU NSS, ASRA organizing blood donation, plantation drives, and women's rights campaigns. Since Mar '23
- Leetcode: Solved 250+ problems ranking in the top 30% globally.Participated in contests and consistently placed in the top tier. May '24
- GFG: Solved 100+ problems and actively participated in competitive coding challenges. Feb '24

CERTIFICATES

- Generative AI– Coursera Jan '25
- MERN-Stack Summer training – Cipherschool Jun '24
- Java: Basic to Advanced– Meta Reskill May '24
- Mastering Data Structures and Algorithms (C & C++) Aug '23
- Server-Side JavaScript with Nodejs– Coursera Apr '23

EDUCATION

• Lovely Professional University

Phagwara, Punjab

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.41

Since Aug '22

St Mary's Convent Sr. Sec. School

Indore ,Madhya Pradesh

Intermediate; **Percentage: 79%**

Apr '21 – May '22

St Mary's Convent Sr. Sec. School

Indore, Madhya Pradesh

Matriculation; **Percentage: 76.6%**

Apr '19 – May '20