Yash Awasthi

8090163198 | yashawasthi854@gmail.com

LinkedIn: linkedin.com/in/yash-awasthi-a7aa5b334 | GitHub: github.com/Yashjs10

Education

Babu Banarasi Das Institute of Technology and Management (BBDITM), Lucknow, India

Bachelor of Technology in Computer Science and Engineering (Aug 2023 – Jul 2027, Expected)

Bal Nikunj Inter College, Lucknow, India

Senior Secondary Education – PCM (Apr 2021 – May 2023)

Experience

Developer – Arka (Jan 2025 – Present)

• Built and deployed a personalized AI-driven website integrating Generative AI and prompt engineering concepts.

• Developed using Node.js, Express, and MongoDB with frontend optimizations for speed and responsiveness.

• Implemented chat history storage, LLaMA/NeMoTrons API integration, and custom response generation.

• Deployed using Vercel and Render for scalability and uptime.

Web Developer (Freelance Projects) (Sep 2024 – Present)

• Developing WanderLust, a travel-based full-stack web application inspired by Airbnb.

• Focused on modular backend design with Express, MongoDB, and JWT authentication.

• Created multiple web-based prototypes and full-stack mini-projects using FastAPI and Node.js.

Projects

Chanakya Voice Assistant | Python, SpeechRecognition, pyttsx3

• Built a personal AI-based voice assistant capable of executing system tasks and generating intelligent responses.

WanderLust | Node.js, Express, MongoDB

• Developed a travel-based platform allowing users to explore and list destinations with secure authentication.

Arka | Node.js, Express, HTML/CSS, MongoDB

• Designed a full-stack AI chatbot web app for prompt-based Q&A using LLM APIs (LLaMA/NeMoTrons).

Tier-1 Robotics Workshop | Arduino, Wireless Module

• Designed and programmed a wireless robo-car during a robotics training program.

Technical Skills

Programming Languages: Python, Java, C

Web Technologies: HTML, CSS, JavaScript, Node.js, Express, FastAPI, MongoDB

Tools & Platforms: Git, GitHub, VS Code, Vercel, Render

Certifications & Achievements

• Completed Tier-1 Robotics Workshop – built a wireless robo-car.

• Solved 70+ DSA problems and actively improving algorithmic proficiency.

• Built and deployed Arka, an AI-driven chatbot web platform.

Extracurricular & Interests

• Active participant in hackathons, coding challenges, and prototype building.

• Interests include Web Development, Natural Language Processing, and Generative AI.

• Passionate about robotics, AI research, and building innovative real-world applications.