

DEV JAYSWAL

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Experience

FoodNEST(S)

July 2024

AI Intern

Lucknow, U.P.

- Developed and deployed a multilingual, multi-model AI chatbot, automating order processing for over 500+ users (including Riders and Vendors), reducing manual order management by 40%.
- Fine-tuned 10+ large and small models via collected data including meta llama, ChatGPT, spicy, and other models.
- Integrated image, text, and voice input capabilities for seamless interaction, improving user engagement by 30%.
- Built a comprehensive web scraper, map scraper, and video scraper, enabling data collection from leading e-commerce platforms, contributing to a 20% increase in data processing efficiency.
- Engineered a Progressive Web App using Svelte, ExpressJS, and MongoDB, facilitating real-time order tracking and improving operational efficiency by 25%.

Kisaanpe.com

Feb 2024 - July 2024

Web Developer and Tech Team

Gwalior, M.P.

- Designed and developed a robust web interface for user registration and cattle data management, leveraging MongoDB, which reduced data storage errors by 15%.
- Implemented a QR code-based onboarding system, enabling instant registration and data access for over 200 users, enhancing user satisfaction by 18%.
- Configured and optimized servers using Express, Nginx, and DigitalOcean, improving server reliability by 35% and implementing backup protocols for secure data management.

Google Student Developer Club

Sept. 2023 - August 2024

Technical Team Member

Gwalior, M.P.

- Coordinated and hosted 5+ technical workshops and events, expanding the club's membership by 20% and increasing engagement with students in technical fields. Help him to learn lab including VMs, Hadoop, GCP, was etc

Projects

Concierge ChatBot | OpenAI, ChatGPT 4.0, Meta API, Python, Gemini

Mar 2024

- Created a Concierge ChatBot utilizing Gemini 1.5 Flash for advanced function-calling, achieving a 25% reduction in response times compared to legacy models.
- Built both frontend and backend architecture, and integrated the chatbot into an admin panel for efficient order handling across 3 departments.

Vulnerability Assessment | Kali Linux, Nmap, BurpSuite, SQLMap, OSINT

Jan 2024

- Led a security assessment on the Joomla CMS, identifying critical vulnerabilities and successfully obtaining admin-level access, leading to a 30% improvement in security protocols.
- Discovered an exploit in the Moodle platform's codebase, leading to immediate mitigation actions that protected over 2,000 student accounts from potential breaches while ensuring uninterrupted access for all users.

SocialEnv | Vue.js, Vite.js, JavaScript, AppWrite, Shadcn UI

Oct 2023

- Developed a modern user interface with login and sign-up functionality using Shadcn UI, jwt enhancing user interaction by 20%.
- Implemented a scalable backend using AppWrite Cloud for handling user-generated content and media, improving database efficiency by 25%.
- Integrated infinite scrolling, responsive homepage, and drag-and-drop features to create post it increasing user engagement by 15%.

Education

Madhav Institute of Technology and Science, Gwalior

Oct. 2022 - July 2026

Bachelor of Technology in Artificial Intelligence and Machine Learning, avg GPA 8.1

Gwalior, M.P.

Technical Skills

Languages: C++, Python, JavaScript, R, SQL, Java, Go

Frameworks: TensorFlow, PyTorch, SpaCy, Hugging Face, Express, AppWrite, React, Svelte

Developer Tools: Docker, Git, Jupyter, Google Colab, Nmap, WireShark, BurpSuite, Osint, SIEM Tools, k8s

Technologies: Kali Linux, Metasploit Framework, AWS, GCP

Data Science Tools: Pandas, NumPy, Matplotlib, Scikit-learn, Rstudio

Competitive Programming: 200+ Qns in LeetCode, Contest Rating 1412