

Aman Joshi

AI Developer

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🐙 Github:AMANj2002 🔗 Portfolio

ABOUT ME

I am an enthusiastic student aspiring to become an AI and Machine Learning Developer. Passionate about building intelligent systems and data-driven solutions, I am a quick learner, eager to adapt to emerging technologies and apply the knowledge I gain through practical projects and coursework.

PROFESSIONAL EXPERIENCE

eDOT Solutions, AI Developer Trainee 04/2025 – Present

- Gained deep understanding of AI fundamentals, **LLMs (Large Language Models)**, and **agent-based architectures**.
- Built and deployed **RAG** and **contextual RAG** models using vector databases like **Pinecone** and **FAISS** for efficient **semantic search**.
- Hands-on experience with **fine-tuning LLMs** and implementing advanced retrieval pipelines using **RAG/CAG** approaches with tools like **LangChain** and **Hugging Face**.

Persistent Systems Ltd., Student Intern 07/2024 – 09/2024

- **Developed and maintained web applications** using **Node.js, React, Next.js, and Tailwind CSS**, including a **responsive booking site**.
- **Gained hands-on experience in professional software development**, actively contributing to team goals

sofueled, Intern 02/2024 – 05/2024

- **Developed web applications** using **Node.js and React**, collaborating on projects.
- **Gained professional software development experience**, actively contributing to team goals.

EDUCATION

BE(Information technology), PCCE 2021 – 2025

Maintained a CGPA of 8.486 in 7th Sem
Currently in 4th year

HSSC, Deepvihar higher secondary school 2019 – 2021

Percentage:66
Won multiple awards in project making competition
Active member of science club

SSC, Vidya mandir secondary school 2009 – 2019

percentage:70%
Leader of chess team for 2 year
Active member of science club

CERTIFICATES

Career Essentials in GitHub Professional Certificate [↗](#) , Full Stack Web Development with Flask [↗](#) , Flutter Essential Training: Build for Multiple Platforms [↗](#) , Node.js Essential Training: Web Servers, Tests, and Deployment [↗](#)

SKILLS

Programming Languages: (Kotlin, Java, C, C++, HTML, | CSS3, JavaScript, SQL, Python, typescript), **Web Development:** (Bootstrap, Django, Flask, Node.js, react, nextjs, tailwind css), **Mobile App Development:** (Flutter, react native), **Cloud Computing:** (AWS (Amazon Web Services)), **Database Management:** (mysql, mongodb, sqlite, oracle)

PROJECTS

AI-Powered Courtroom Simulation, *Final Year Project*

- Built an **LLM-based virtual courtroom** to detect false information on social media using **Gemini** and **fine-tuned Mistral 7B models**.
- Simulated two lawyer agents debating and a judge agent delivering verdicts, leveraging real-time web search as evidence.
- Integrated **RAG** pipeline with vector storage (e.g., **FAISS/Pinecone**) to store and reference conversation history during trials.
- Developed backend in **Flask** and frontend in **Expo** to ensure interactive and smooth user experience

Medilens (Flask, Flutter), *Hackathon* [↗](#)

- Developed **Medilens**, a **Flutter** and **Flask**-based mobile app for **medicine identification and information retrieval**.
- Users can **photograph medicines** to get details on **side effects, uses, and other relevant information**.
- **Fine-tuned Gemini** was used to fetch accurate **side effects, uses, and other relevant medicine details**.
- Showcased expertise in **cross-platform mobile development** and **backend integration** for a seamless user experience.

DataDashBot for Ecommerce & MediMentor for Healthcare, *Won 2nd place*

- Developed AI chatbots: **DataDashBot** for E-commerce and **MediMentor** for Healthcare during a hackathon.
- Played a key role in **design and implementation**, enhancing **customer engagement** and **healthcare delivery**.
- Utilized a **fine-tuned GPT model** and directly integrated its **API** for chatbot functionalities.
- Secured **2nd place**, demonstrating **innovation, technical excellence, and problem-solving skills**.

Fake News Detection In Social Media (Flutter, Flask), *24 Hours hackathon* [↗](#)

- Secured **2nd place at GEC Hackathon** with the "Fab-Four" team.
- Developed an Android Fact-Checking App using **Flutter, Flask**, and **machine learning**.
- Recognized for innovation and effectiveness under pressure.

BSRTC (Bihar State Road Transport Corporation) project, *Freelancing Project* [↗](#)

- Developed **BSRTC Bus Booking Platform** using the **MERN stack** for online ticket booking.
- Built a **customizable admin panel** for managing routes, schedules, and bookings.
- Successfully deployed a **live system**, ensuring a seamless booking experience.

Social Media Monitoring Software, *48 hours Hackathon* [↗](#)

- **Developed a social media monitoring solution** during a **48-hour hackathon by Goa Police**, using **Electron, React.js**, and **Flask**.
- Created **web scrapers for Instagram, Twitter, and Facebook**, identifying and flagging inappropriate content in real-time.