

Pathan Amaan

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[LinkedIn](#) • [Github](#) • [Personal Portfolio](#)



PROFESSIONAL SUMMARY

Innovative Full-Stack Developer and Open Source Contributor skilled in building and deploying scalable web applications using React.js, Next.js, Node.js, and Django. Experienced in developing AI-driven projects and integrating large language models into real-world applications. Engineered 5+ impactful projects and contributed to Zulip's open-source platform. As President of Shark Sphere – the Entrepreneurship Cell of Newton School of Technology, spearheaded initiatives that fostered innovation and a startup-driven culture.

EDUCATION

Bachelor of Technology (AI ML) Newton School Of Technology (ADYPU),Pune	2024 - 2028 Grade: 9.0/10.0
Intermediate (Class XII) Maulana Azad College of Arts, Science and Commerce, Aurangabad, Maharashtra.	2021 - 2023 Grade: 78.0%
Matriculation (Class X) Holy Cross English High School Aurangabad.	2020 - 2021 Grade: 85.2%

EXPERIENCE

Freelance Web Developer Pi Maths	September 2025 - October 2025 <i>Online</i>
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Freelance Project – Pi Maths Coaching Website [link](#)

- Engineered and developed a modern, responsive web platform for **Pi Maths Coaching Institute** to showcase courses, faculty profiles, and top results.
- Built a clean, user-centric interface that elevated the institute's digital presence.
- Developed using React.js, JavaScript, HTML, CSS, and Tailwind CSS** to ensure high performance, scalability, and seamless user experience.

Contributor in open source Zulip	February 2025 - March 2025 <i>Online</i>
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Open Source Contributor – Zulip (Google Summer of Code 2024)

- Engineered and enhanced** the timezone dropdown by adding **UTC offsets** alongside place names, improving clarity and user experience.
- Developed and implemented** dynamic **sorting functionality** by country name and UTC offset for streamlined usability.
- Worked with** technologies like **Django, Handlebars.js, Git, Docker, and Vagrant** to build, test, and refine production-ready features.
- Configured and managed** a robust local development environment using Docker and Vagrant for efficient debugging and deployment.
- Successfully contributed and merged a Pull Request** into Zulip's official codebase.

[PR: github.com/zulip/zulip/pull/33609](https://github.com/zulip/zulip/pull/33609)

INTERNSHIPS

Intern – Technology Market Research Foamify (Lucky Foam Industries)	January 2024 - April 2024 <i>Aurangabad, Maharashtra</i>
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Technology

Market Research Intern – Foamify

- Conducted **offline market research** and analyzed **customer behavior** to identify **technology-driven solutions**.
- Explored **AI-based recommendations** and **data-driven insights** to enhance **user experience** and **product optimization**.
- Contributed to **website development**, integrating **AI-driven enhancements** and **digital strategies**.
- Collaborated with the team to refine **product offerings** using **research-backed insights**.

PROJECTS

Intellix AI agent ([Github](#)) ([Demo](#))

October 2025

- **Tech Stack:** React.js, JavaScript, Assistant UI Library, Google Gemini API
- **Description:** Designed and developed an interactive AI chatbot capable of answering real-time user queries using Google's Gemini API. The project showcases hands-on experience in building AI-powered applications and integrating large language models into custom user interfaces.
- **Features:**
 - Real-time conversational experience with smooth Assistant UI
 - Integration of **Google Gemini API** for intelligent, context-aware responses
 - Modular and scalable design for future AI extensions (voice/image generation)
 - Fully responsive and minimal ChatGPT-style interface
- **Role:** Full Stack Developer – Implemented the AI integration, managed API responses, and built an optimized user interface for seamless human–AI interaction.
- **Impact:** Demonstrated proficiency in **AI integration and conversational UX design**, creating a chatbot that brings the power of generative AI to an accessible, web-based platform.

Vyapaar Express ([Github](#)) ([Demo](#))

April 2025

Tech Stacks: HTML, CSS, JavaScript, React

Description: Developed Vyapaar Express, a front-end platform to connect vendors and transporters for inter-city and inter-state goods transportation.

Features:

- Vendor and transporter dashboards
- Pickup and drop-off location management
- Inter-city and inter-state transportation support
- User-friendly interface for efficient logistics management

Galactus – A Visually Engaging Comic Book Website ([Github](#)) ([Demo](#))

October 2024

- **Tech Stack:** HTML, CSS
- **Description:** A visually immersive platform for comic book enthusiasts.
- **Key Features:**
 - Responsive and dynamic UI with comic-style aesthetics.
 - Sections for character bios, story arcs, and featured comics.
 - Smooth animations and interactive hover effects.
- **Impact:** Showcases creative frontend development and engaging user experience.

CERTIFICATIONS

AI For Everyone Deeplearning.AI ([Link](#))

February 2025

AI For Everyone – DeepLearning.AI (Coursera): Completed an overview of AI, including machine learning, deep learning, and AI applications, with a focus on workflows, collaboration, ethics, and business implications.

SKILLS

Computer Languages: SQL, JavaScript, CSS, HTML, Python

Software Packages: MySQL, Express JS, Excel, Bootstrap, Node.js, Django, React, Next JS, Tailwind, Figma, Windows, Pandas

Soft Skills: Presentation Skills, Critical Thinking, Teamwork, Research, Team Building, Leadership, Verbal/nonverbal communication, Public speaking, Communication Skills

Others: Supabase, Spreadsheet, Microsoft Office, Entrepreneurship

EXTRA-CURRICULAR ACTIVITIES

- **President – Shark Sphere (Entrepreneurship Cell, Newton School of Technology):** Led entrepreneurial initiatives, mentored aspiring founders, and launched the official Shark Sphere website to centralize networking, events, and startup resources.
- **Event Lead – Shark Sphere:** Directed large-scale events like *TradeX* (150+ participants) and *Resurrection* (80+ participants), and hosted masterclasses with industry leaders to foster innovation and startup exposure on campus.